

SITUATION REPORT

Nigeria Centre For Disease Control (NCDC)

www.ncdc.gov.ng

PLOT 800 EBITU UKIWE STREET, JABI ABUJA, NIGERIA. TOLL FREE CALL: 0800-970000-10. E: info@ncdc.gov.ng

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TITLE:	YELLOW FEVER OUTBREAK IN NIGERIA
SERIAL NUMBER:	03
EPI-WEEK:	05
DATE:	28th January – 3rd February, 2019

HIGHLIGHTS

- In this reporting week 28th January – 3rd February, 2019:
 - Seventy seven suspected cases were recorded since the beginning of 2019
 - Five new presumptive positive and 1 inconclusive cases were recorded.
 - NCDC Central Public Health Laboratory (CPHL) reported 4 presumptive positive and 1 inconclusive case and Yusuf Dansho Memorial Hospital (YDMH) Kaduna reported 1 presumptive positive case
 - The cases were reported from, Ondo State -2 (Akoko South West LGA), Edo -2 (Esan North-East and Uhumwode LGAs), Kebbi – 1 (Ngaski) and inconclusive cases, Imo -1 (Ideato South)
 - Last IP Dakar confirmed case was on 21st January, 2019
 - A national yellow fever Incident Management System (IMS) Level 2 Emergency Operation Centre (EOC) is active
 - Yellow fever reactive vaccination concluded in Vandekiya, Benue State
 - Rapid response teams deployed to Katsina, Kogi and Nasarawa States
 - Edo State Yellow fever outbreak has been declared over
 - Reactive vaccination campaign was carried out in 13 (72.2%) LGAs
 - Total number of 1,734,423 were vaccinated with (120.1%) coverage

SUMMARY OF OUTBREAK

- A yellow fever outbreak has been active in Nigeria since September, 2017
- One hundred and twenty-one cases have been confirmed in 17 States (Kwara, Kogi, Kano, Zamfara, Kebbi, Nasarawa, Niger, Katsina, Edo, Ekiti, Rivers, Anambra, FCT, Benue, Delta, Ondo and Abia States): in 46 Local Government areas (LGAs)
- From September 2017 to December 2018, 274 samples (presumptive positive -237 and inconclusive - 37) in 238 LGAs have been sent to IP Dakar for re-confirmation [Figure 1]
- All Nigerian states have reported 4,100 suspected cases in 604 (78.0%) LGAs
- Of all suspected, probable and confirmed cases, 77 deaths were recorded with 27 deaths among confirmed cases only

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- The case fatality ratio (CFR) for all cases (suspected, probable and confirmed) is 1.8%, and 22.4% for confirmed cases.
- Yellow fever preventive mass vaccination campaigns (PMVC) have been successfully completed in 12 states:
 - 2013 PMVC phase 1 Nasarawa, Cross Rivers, Akwa Ibom;
 - 2018 Phase 2a; Kogi, Kwara and Zamfara and in fifty-eight political wards in 25 LGAs in Borno State
 - 2018 phase 2b PMVC Sokoto, Kebbi, Niger, FCT, Plateau and Borno [3 LGAs (Askira/Uba, Chibok, Konduga)] States.

EPI- SUMMARY

Description	Abia	Adamawa	Akwa Ibom	Anambra	Bauchi	Bayelsa	Benue	Borno	Cross Rivers	Delta	Edo	Ebonyi	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	0	0	0	8	1	0	0	8	1	0	3	0	0	2	1	0	5	4	1	0	9	17	3	2	1	1	1	0	3	1	1	4	0	0	0	0	0	77
Attack Rate Per 100,000 population	0	0	0.14	0.1	0	0	0.13	0.02	0	0.7	0	0	0.04	0.12	0	0.1	0.01	0.01	0	0.11	0.36	0.06	0.01	0.01	0.04	0.02	0	0.06	0.02	0	0.09	0	0	0	0	0	0.04	
Number of LGAs with suspected cases	0	0	6	1	0	0	6	1	0	0	3	0	1	1	0	4	2	1	0	6	6	2	2	1	1	1	0	2	1	1	3	0	0	0	0	0	52	
Number of LGAs with Presumptive /nonclusive cases	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	5	
Number of LGAs with confirmed cases from IP 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	0	0	0	0	0	0
Number suspected cases with Blood sample collected in Nigeria	0	0	0	8	0	0	6	1	0	3	0	0	2	1	0	5	2	1	0	7	13	3	2	1	1	1	0	3	1	1	4	0	0	0	0	0	65	
Number of Presumptive Positives in Nigeria	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	5
Number with inconclusive results in Nigeria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total number of samples sent to Dakar	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	6
Number positive cases from IP 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	0	0	0	0	0	0
Total number negative in 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	0	0	0	0	0	0
Number awaiting result from Dakar	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	6
Number of deaths from all cases	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 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
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

States with presumptive/inconclusive cases since outbreak commenced
 States with confirmed cases since outbreak commenced 2017
 States with only suspected cases

Table 1: Showing all affected states and cases with Yellow fever as at week 5 (28th January – 3rd February), 2019

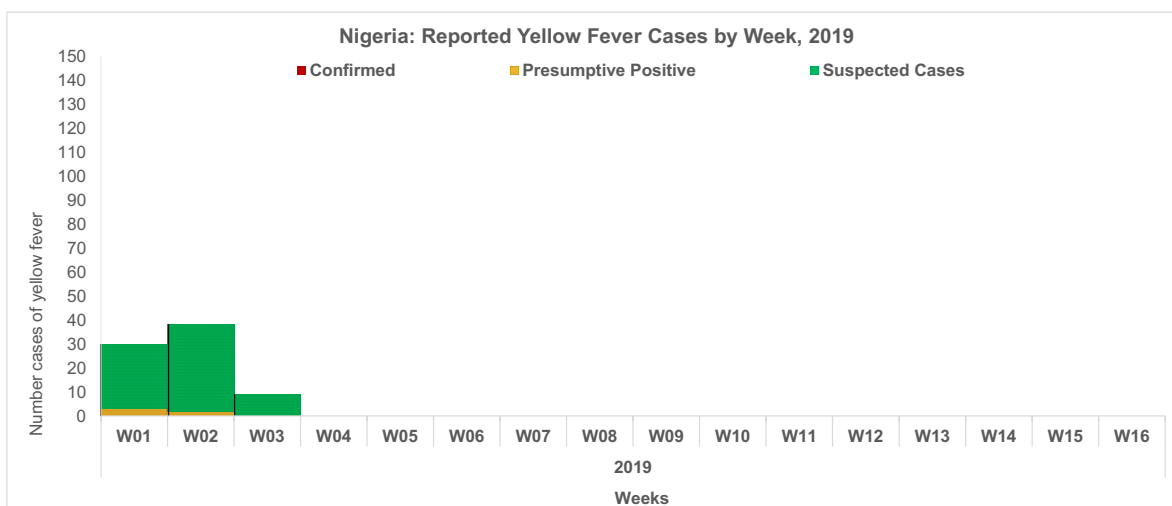


Figure 1: Epidemic curve of suspected / presumptive cases of yellow fever in Nigeria as at week 5 (28th January – 3rd February), 2019

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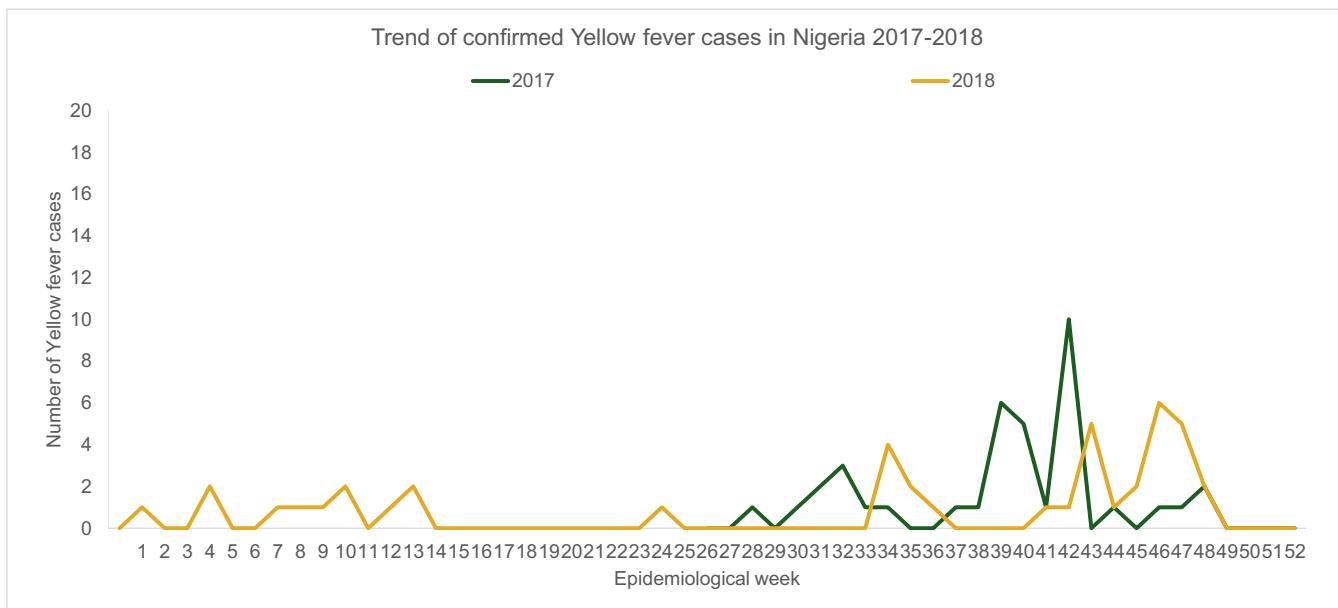


Figure 2: Trend of confirmed cases of yellow fever in Nigeria 2017 and 2018

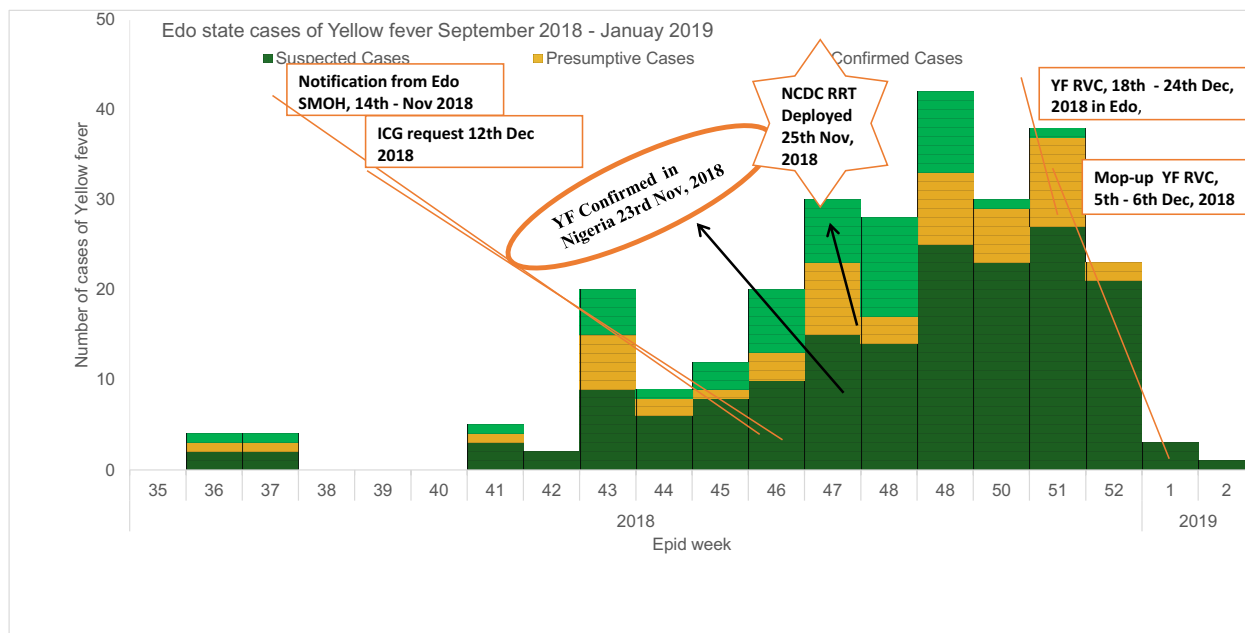


Figure 3: Epicurve of Yellow fever cases in Edo State (September - January 2019), 2018

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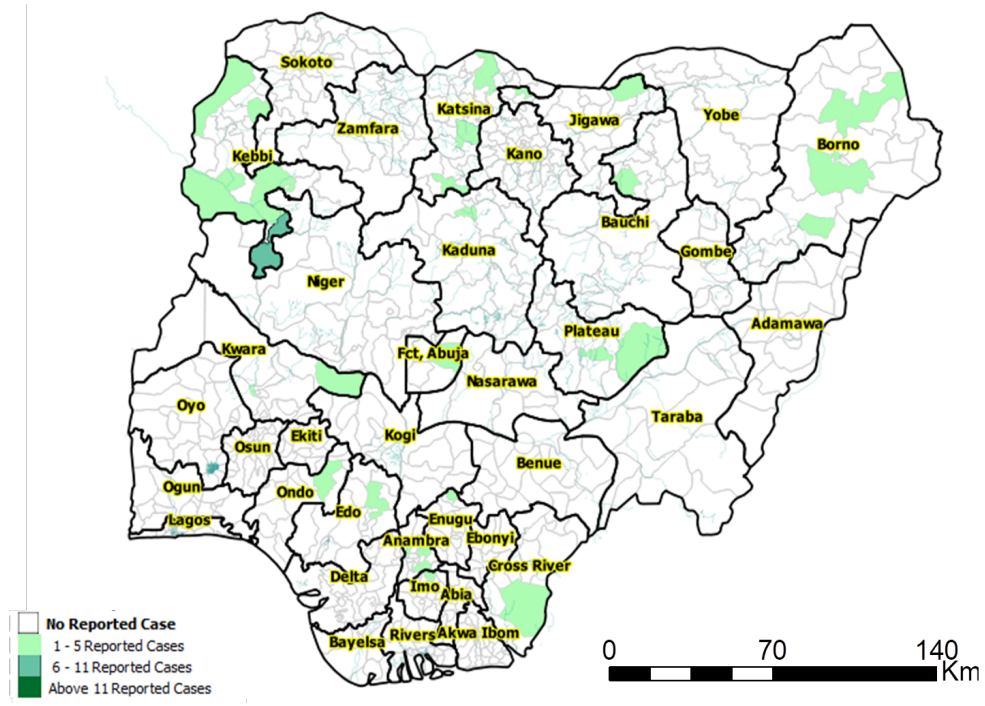
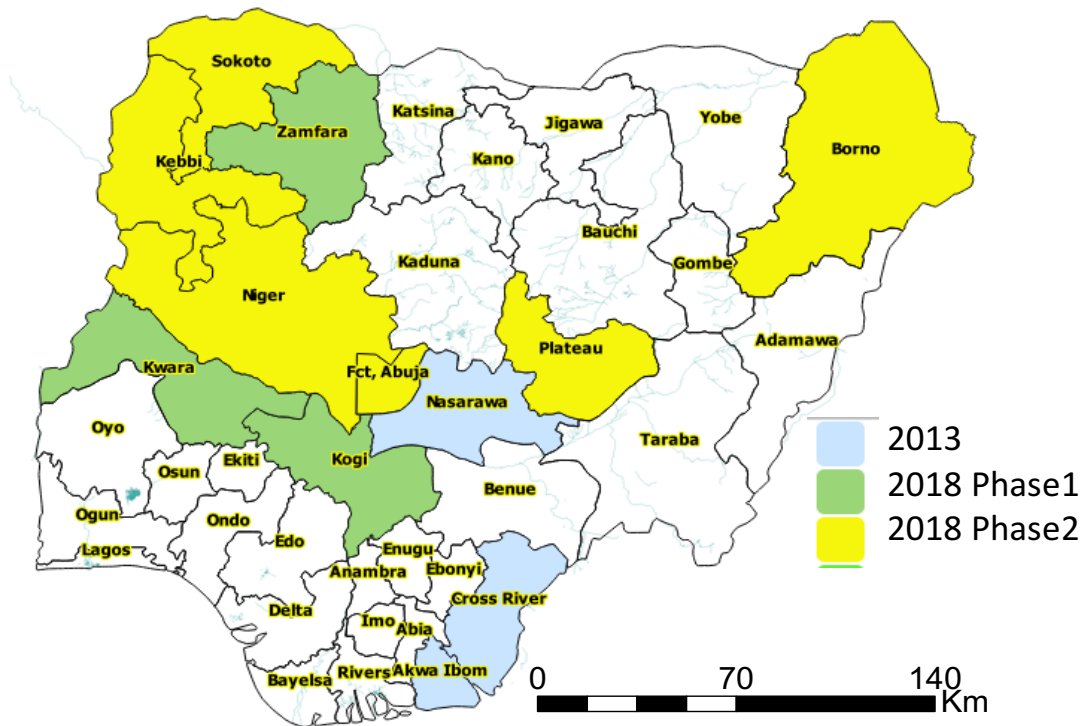


Figure 4: Map of Nigeria showing states with suspected cases as at week 5 (28th January – 3rd February), 2019



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Figure 5: Map showing States that implemented PMVC

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