



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



@NCDCgov

TITLE:	YELLOW FEVER OUTBREAK IN NIGERIA
SERIAL NUMBER:	012
EPI-WEEK:	
DATE:	21st February, 2018

HIGHLIGHTS

- In this reporting week,
 - Thirteen presumptive positive cases were reported from the Nigerian Laboratories (Kaduna (10) and Maitama District Hospital, Abuja (3));
 - In addition, five samples tested at the National Reference Lab (NRL), Gaduwa were inconclusive, probably due to the quality of the sample
 - Jigawa recorded a presumptive positive case as part of those from the Kaduna laboratory while Imo and Delta States results were part of the inconclusive results from NRL, Gaduwa.
 - A total of 31 samples were sent to WHO Reference Lab, Dakar for confirmation.

SUMMARY OF OUTBREAK

- A yellow fever outbreak is currently active in Nigeria. Confirmed cases have been recorded in seven States (Kwara, Kogi, Kano, Zamfara, Kebbi, Nasarawa and Niger): in 12 Local Government areas (LGAs)
- However, a total of 24 states have reported suspected cases (Abia, Borno, Kogi, Kwara, Kebbi, Plateau, Zamfara, Enugu, Oyo, Anambra, Edo, Lagos, Kano, Nasarawa, Katsina, Niger, Bayelsa, Rivers, Cross Rivers, Kaduna, Sokoto, Jigawa Imo and Delta State) in 177 LGAs
- In this reporting week (18th – 21st of February 2018), **there has been no new confirmed case from IP, Dakar.**
- From the onset of this outbreak on September 12 2017, a total of 1,014 suspected yellow fever cases have been line-listed as at 21st February 2018 (Table 1).
- Of the 1014 suspected cases, 843 (83.1%), had blood samples collected and sent to the laboratory for confirmation.
- Of the 843 samples collected, **87 (10.3%) tested positive for yellow fever (presumptive positives) and 6 (0.7%) inconclusive results in five Nigerian laboratories** [see table 2].
- As at 21st February, 2018, **35 samples (37.6%) samples out of the 93 (positive and inconclusive) samples in Nigeria were confirmed positive by IP, Dakar. Thirty four samples were negative and results are pending for 24 samples** [Table 1].
- Yellow fever vaccination campaigns have been successfully completed in six states (2013 PMVC in Nasarawa, Cross River, Akwa Ibom; 2018 PMVC Kogi, Kwara and Zamfara);
- Predominant age groups affected are 20 years and below accounting for 63.3% (See fig 3). Male to female ratio is 1.7 to 1 (Male 62.7%, Female 37.3%): among the confirmed, male to female ratio is 3:2 (male 60.0%, female 40.0%)

- Total number of deaths in all cases (suspected, probable and confirmed cases) is 46, while 11 deaths were recorded among confirmed cases only. Hence, Case fatality rate (CFR) for all cases (including suspected, probable and confirmed) is 4.6%, and 31.4% for confirmed cases.

EPI- SUMMARY

Table 1: Showing all affected states and cases with Yellow fever as at 21st February, 2018

State	Abia	Borno	Kogi	Kwara	Plateau	Zamfara	Kebbi	Enugu	Oyo	Anambra	Edo	Lagos	Kano	Nasarawa	Katsina	Niger	Bayelsa	Cross R	Kaduna	Rivers	Sokoto	Imo	Delta	Jigawa	Total	
Total Number of cases in the linelist	71	217	61	115	5	123	193	1	1	1	1	1	65	41	52	10	1	10	6	1	29	1	3	5	1014	
Number of LGAs with suspected cases	14	21	16	12	1	8	18	1	1	1	1	1	22	11	14	5	1	5	4	1	11	1	2	5	177	
Number of LGAs with Presumptive/inconclusive cases	1	3	14	2	1	4	6	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1	2	1	46	
Number of LGAs with Dakar confirmed cases	0	0	2	2	0	4	1	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	12
Number with samples collected in Nigeria	70	215	54	76	5	42	193	1	1	1	1	1	64	1	52	10	1	10	6	1	29	1	3	5	843	
Number Positive in Nigeria	1	5	14	12	5	22	15	1	1	1	1	1	1	1	2	2	0	0	0	1	0	0	0	1	87	
Number with inconclusive result	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	6	
Total number of samples sent to Dakar	1	6	14	13	5	22	15	1	1	1	1	1	1	1	2	2	0	0	0	1	0	1	3	1	93	
Number positive in Dakar	0	0	7	7	0	17	1	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	35
Total number negative in Dakar	1	1	7	7	5	5	0	1	1	1	1	1	0	0	2	1	0	0	0	0	0	0	0	0	0	34
Number awaiting result from Dakar	0	5	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	1	24	
Number of deaths from all cases	0	1	4	16	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46	
Number of deaths among presumptive positives	0	0	4	1	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	
Number of deaths from Dakar confirmed	0	0	3	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	

CFR for all cases = 4.5%: CFR for Dakar positive confirmed cases 31.4%

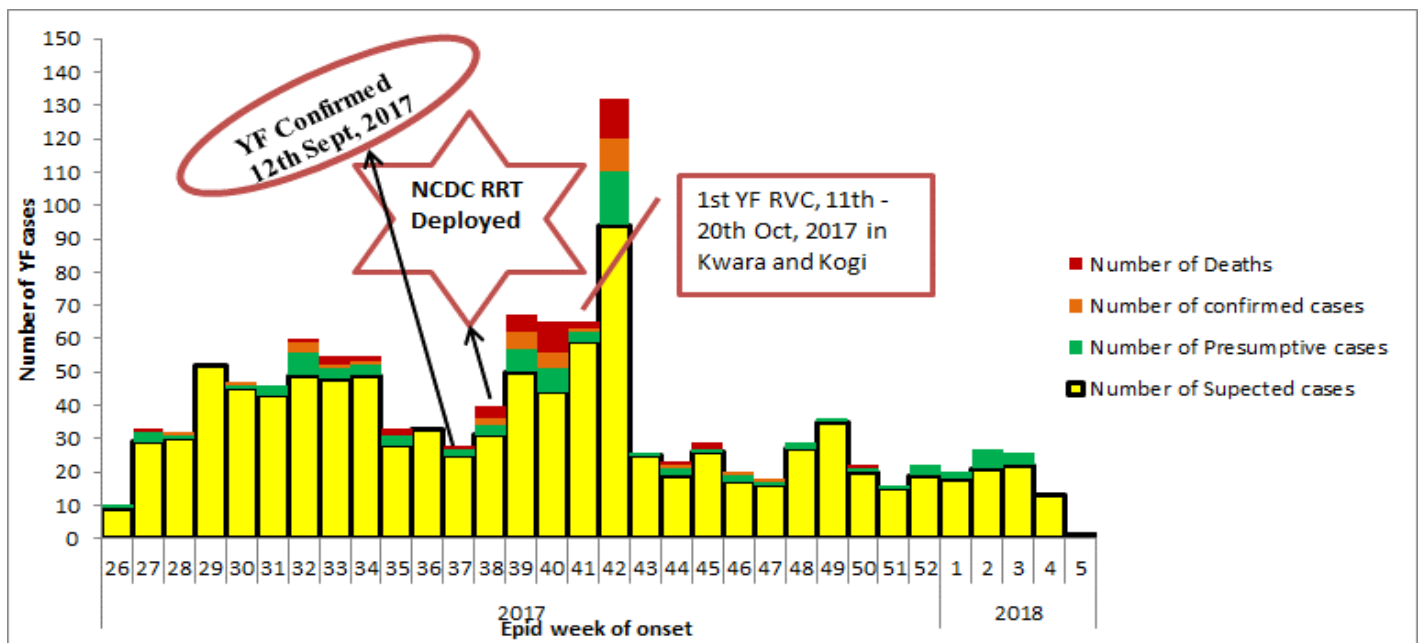


Figure 1: Epidemic curve of suspected / confirmed cases of yellow fever in Nigeria as at 21th February, 2018

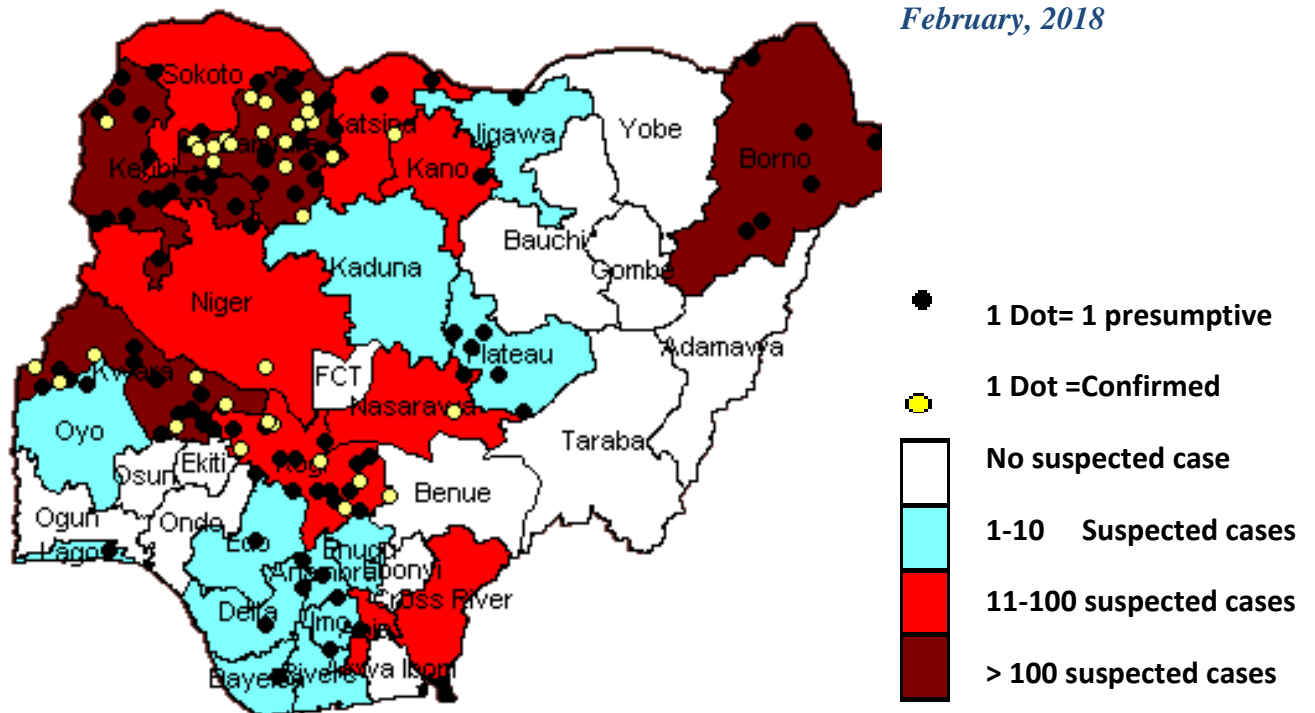


Figure 2: Map of Nigeria showing states with suspected/presumptive positive and confirmed cases of Yellow fever, as at 21st February, 2018

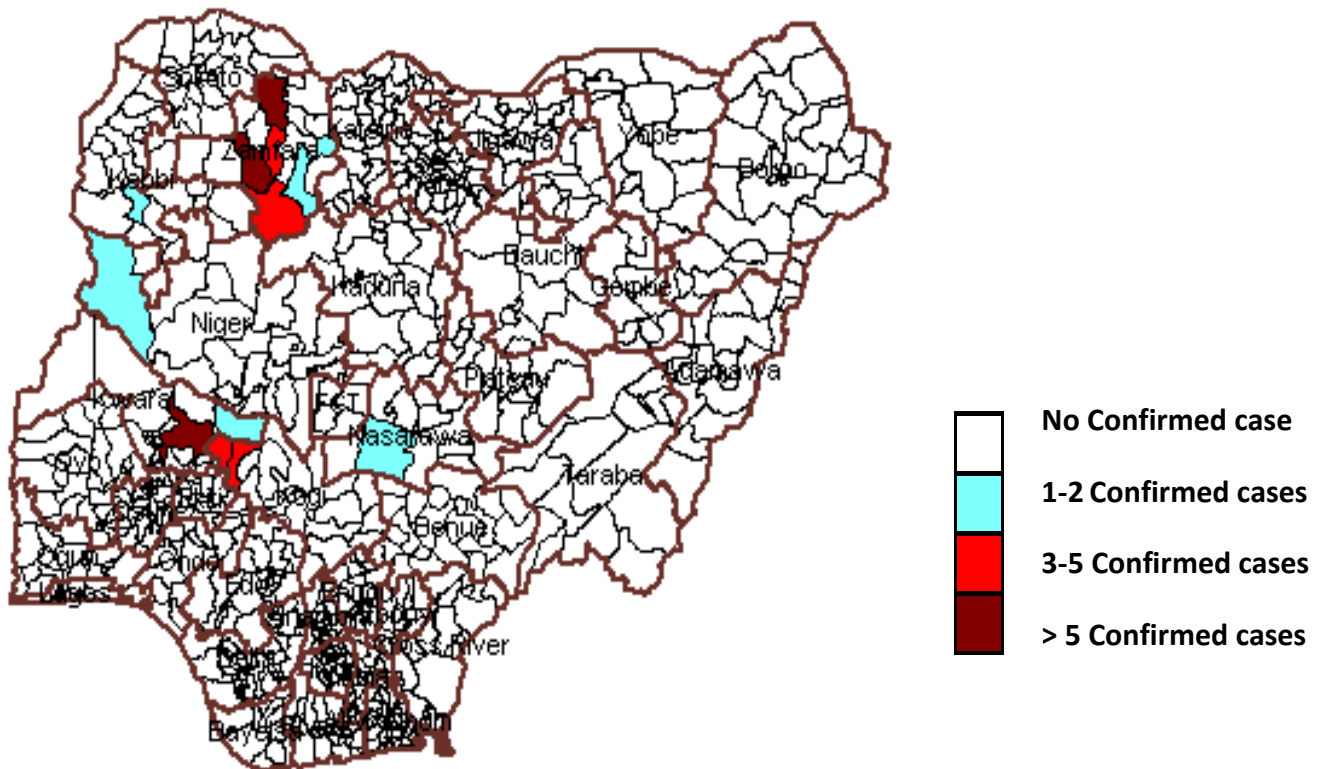


Figure 3: Map of Nigeria showing LGAs with confirmed cases of Yellow fever, as at 21st February, 2018

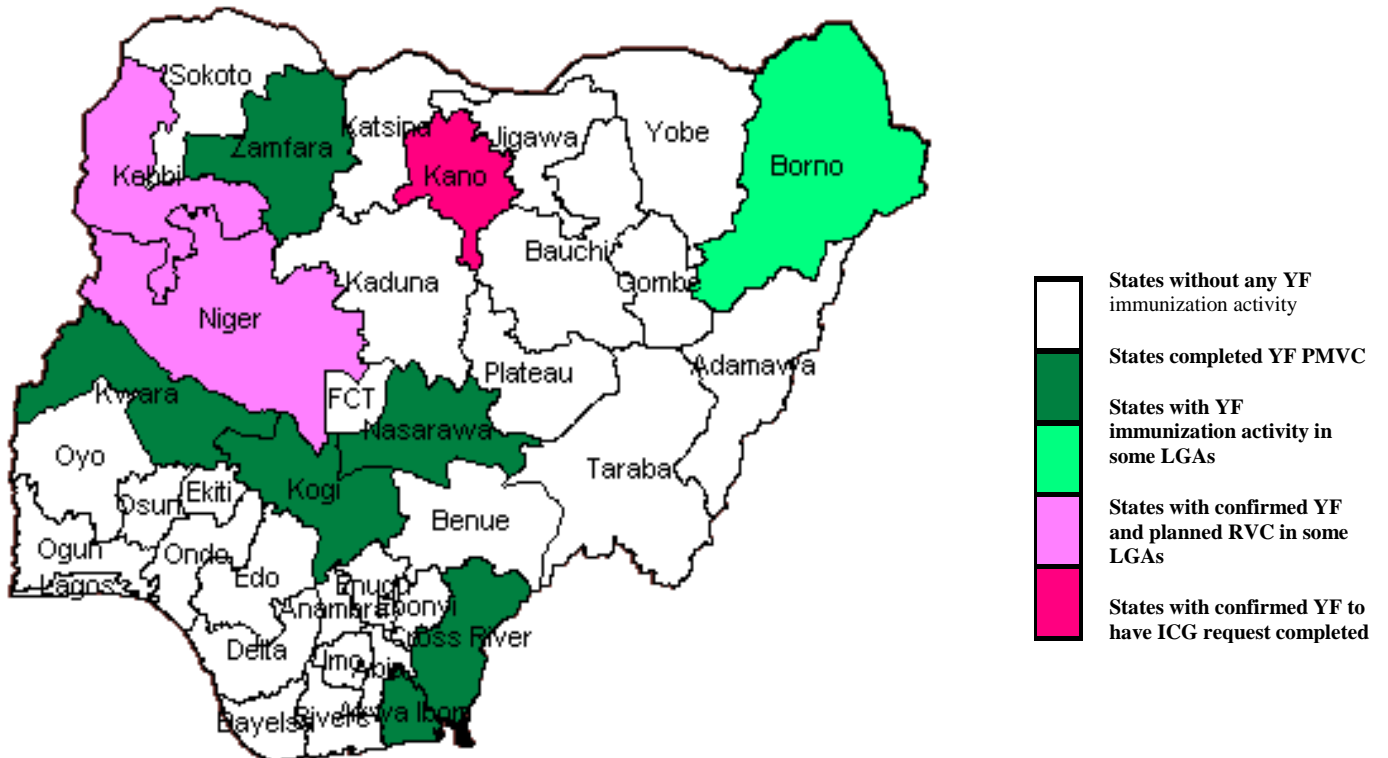


Figure 4: Map of Nigeria showing LGAs with confirmed cases of Yellow fever, as at 21st February, 2018