

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:	027
EPI-WEEK:	32
DATE:	6th August – 12th August, 2018

HIGHLIGHTS

- In this reporting **week 6th August – 12th August, 2018**
 - A total of 163 suspected cases were added to the national line list
 - No new in-country presumptive positive in the reporting week
 - Last presumptive positive case in the Nigerian lab was 2nd July, 2018 reported from the Maitama District Hospital Abuja: The case from Kabba/Bunu LGA of Kogi State
 - Last IP Dakar confirmed case from Nigeria was on 6th June, 2018 from River State
 - Yellow fever reactive vaccination campaign is on-going in Danja LGA of Katsina State

SUMMARY OF OUTBREAK

- A yellow fever outbreak is currently active in Nigeria. Confirmed cases have been recorded in 11 States (Kwara, Kogi, Kano, Zamfara, Kebbi, Nasarawa, Niger, Katsina Edo, Ekiti and Rivers State): in 22 Local Government areas (LGAs) [Table 1]
- 126 samples (presumptive positive and inconclusive) in 58 LGAs sent to IP Dakar
- All Nigerian states have reported suspected cases in 530 (68.5%) LGAs
- From the onset of this outbreak on September 12, 2017, a total of 2,581 suspected yellow fever cases have been line-listed as at week 32 [6th August – 12th August, 2018 (Table 1)].
- Of the 2,418 suspected cases, 2,396 (92.8%), had blood samples collected and sent to the Nigerian testing laboratories for confirmation
- Of the 2,396 samples collected, **110 (4.6%) tested positive for yellow fever (presumptive positive cases) and 16 (0.7%) inconclusive results in six Nigerian laboratories** [Tables 1]
- **As at Epi week 32 [6th August – 12th August, 2018], 47 (37.3%) samples out of the 126 (Presumptive positive and inconclusive) samples in Nigeria have been confirmed positive by IP, Dakar. 77 samples were negative; 2 sample are awaiting results from IP Dakar** [Table 1].
- Predominant age groups affected among the suspected cases are 20 years and below (children and younger adults) accounting for 1612 (62.5%) [Male 986 (38.2%): Female 626 (24.3%)]
 - Median age is 15 years (range 1 – 92 years)
 - Male to female ratio is 1.4 to 1 (male 57.8%, female 42.2%):
- Predominant age groups affected among the confirmed cases are 20 years and below (children and younger adult) accounting (57.4%)
 - Among the confirmed, male to female ratio is 1.8:1 (male 63.8%, female 36.2%)
 - Median age is 18 years (range 2 – 63)
- Yellow fever vaccination campaigns have been successfully completed in six states

- Nasarawa, Cross River, Akwa Ibom; Kogi, Kwara and Zamfara and in fifty-eight political wards in 25 LGAs in Borno State
- 2018 phase 2 PMVC to be implemented from 8th – 17th November, 2018 in Sokoto, Kebbi, Niger, FCT, Plateau and Borno States
- Total number of deaths in all cases (suspected, probable and confirmed cases) is 47, while 10 deaths were recorded among confirmed cases only. Therefore, the case fatality ratio (CFR) for all cases (including suspected, probable and confirmed) is 1.8%, and 21.3% for confirmed cases.

EPI- SUMMARY

Table 1: Showing all affected states and cases with Yellow fever as at week 32 (6th August – 12th August), 2018

Description	Abia	Borno	Kogi	Kwara	Plateau	Zamfara	Kebbi	Enugu	Oyo	Anambra	Edo	Lagos	Kano	Nasarawa	Katsina	Niger	Bayelsa	Cross River	Kaduna	Rivers	Sokoto	Imo	Delta	Jigawa	Akwa Ibom	Ebonyi	Ekiti	FCT	Ogun	Ondo	Osun	Benue	Adamawa	Bauchi	Gombe	Taraba	Yobe	Total	
Total Number of cases in the linelist	98	212	89	116	19	143	378	120	36	166	112	47	97	91	147	23	19	15	21	36	43	65	49	9	56	37	33	17	32	38	31	66	22	29	12	28	29	2581	
Attack Rate Per 100,000 population	2.5	3.4	1.9	3.4	0.4	3	8.1	2.6	0.4	2.8	2.5	0.4	0.7	3.4	1.8	0.4	0.8	0.4	0.2	0.5	0.8	1.1	0.8	0.1	0.9	1.2	1	0.4	0.6	0.8	0.6	1.1	0.5	0.4	0.3	0.9	0.8	1.3	
Number of LGAs with suspected cases	17	21	18	12	12	22	22	14	18	17	18	9	26	14	22	9	7	7	11	16	15	21	21	8	19	11	13	4	12	13	18	19	13	11	9	12	9	530	
Number of LGAs with Presumptive /inonclusive cases	1	3	7	2	1	1	6	2	1	3	4	2	1	1	2	1	0	0	0	3	0	3	4	1	1	1	3	1	1	2	0	0	0	0	0	0	0	58	
Number of LGAs with confirmed cases from IP Dakar	0	0	4	2	0	4	5	0	0	0	1	0	1	1	1	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	22	
Number suspected cases with Blood sample collected in Nigeria	97	210	82	77	19	57	374	120	36	166	112	47	96	51	145	23	19	15	21	36	43	65	49	9	56	37	30	17	32	38	31	66	22	29	12	28	29	2396	
Number of Presumptive Positives in Nigeria	1	5	19	12	5	24	17	1	1	3	3	1	1	1	3	2	0	0	0	2	0	1	2	1	0	0	3	1	1	0	0	0	0	0	0	0	0	110	
Number with inconclusive results in Nigeria	0	1	0	1	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	1	0	2	3	0	1	1	0	0	0	2	0	0	0	0	0	0	0	16	
Total number of samples sent to Dakar	1	6	19	13	5	24	17	1	1	4	5	2	1	1	3	2	0	0	0	3	0	3	5	1	1	1	3	1	1	2	0	0	0	0	0	0	0	126	
Number positive cases from IP Dakar	0	0	10	7	0	18	5	0	0	0	1	0	1	1	1	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	47	
Total number negative in Dakar	1	6	7	6	5	6	12	1	1	4	4	2	0	0	2	1	0	0	0	2	0	3	5	1	1	1	2	1	1	2	0	0	0	0	0	0	0	77	
Number awaiting result from Dakar	0	0	2	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	2	
Number of deaths from all cases	0	1	4	16	0	26	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	10	47
Number of deaths among presumptive positives	0	0	4	1	0	9	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	14	
Number of deaths from IP Dakar confirmed	0	0	3	0	0	7	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	10	
																													States with presumptive/inconclusive cases										
																													States with confirmed cases										
																													States with only suspected cases										

CFR for all cases = 1.8%, among the Presumptive/inconclusive cases 11.1% and among IP Dakar confirmed cases 21.3%

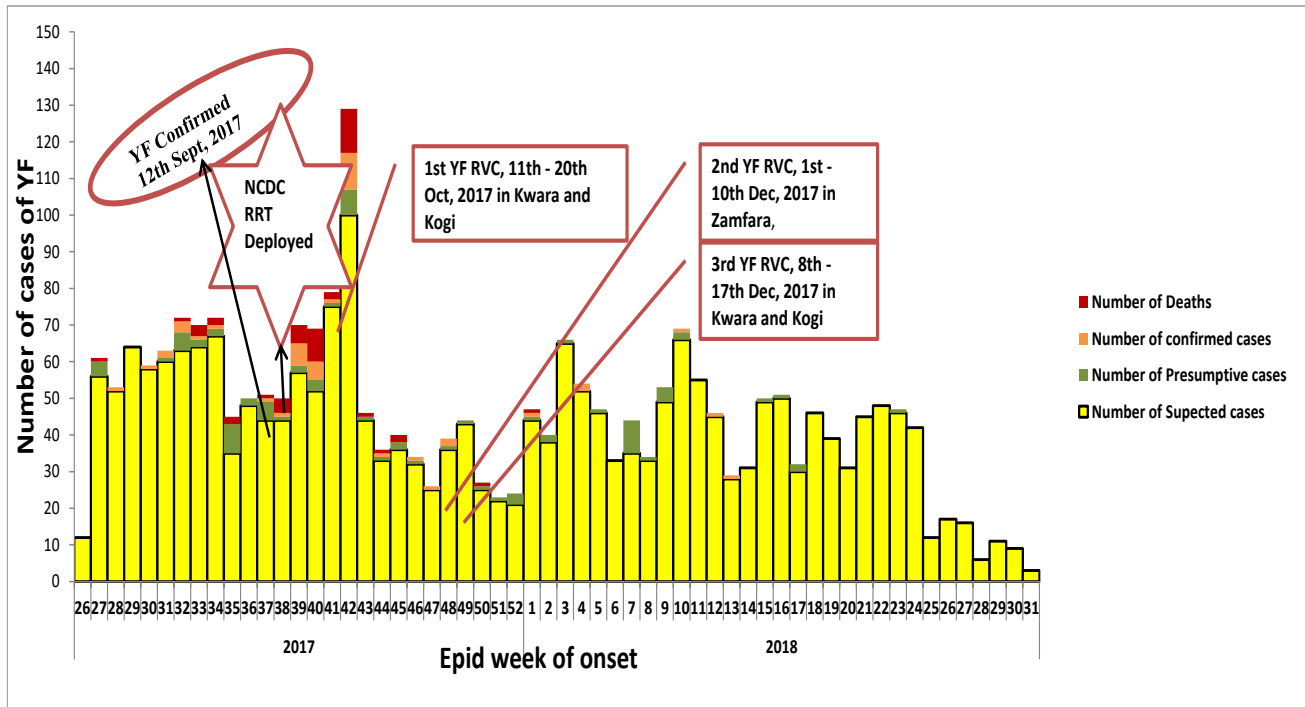


Figure 1: Epidemic curve of suspected / confirmed cases of yellow fever in Nigeria as at week 32 (6th August – 12th August), 2018

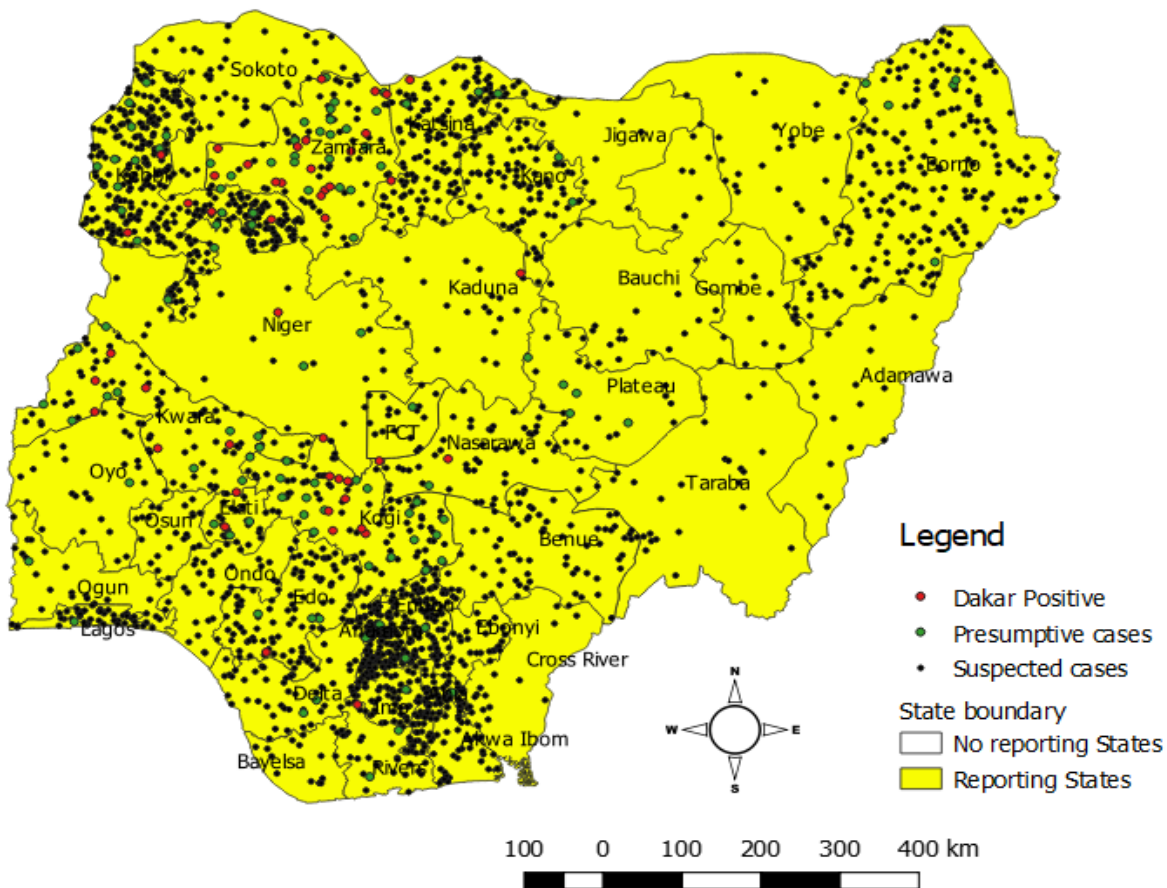


Figure 2: Map of Nigeria showing states with suspected/presumptive/confirmed as at week 32 (6th August – 12th August), 2018