

# SITUATION REPORT

## Nigeria Centre For Disease Control (NCDC)

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<b>TITLE:</b>	<b>YELLOW FEVER OUTBREAK IN NIGERIA</b>
<b>SERIAL NUMBER:</b>	<b>023</b>
<b>EPI-WEEK:</b>	<b>25</b>
<b>DATE:</b>	<b>18<sup>th</sup> June – 24<sup>th</sup> June, 2018</b>

### HIGHLIGHTS

- In this reporting week 18<sup>th</sup> June – 24<sup>th</sup> June, 2018
- One hundred and seventy eight (178) suspected cases were added to the national line list
- No new in-country presumptive positives in the reporting week
- Last presumptive positive case in the Nigerian lab was 10-May-18
- Last IP Dakar confirmed case from Nigeria was on 6-June -2018

### SUMMARY OF OUTBREAK

- A yellow fever outbreak is currently active in Nigeria. Confirmed cases have been recorded in eleven States (Kwara, Kogi, Kano, Zamfara, Kebbi, Nasarawa, Niger, Katsina Edo, Ekiti and Rivers State): in 22 Local Government areas (LGAs) [Table 1]
- 125 samples (presumptive positive and inconclusive) in 57 LGAs sent to IP Dakar
- All Nigerian states have reported suspected cases in 484 (62.5%) LGAs
- From the onset of this outbreak on September 12, 2017, a total of 2,254 suspected yellow fever cases have been line-listed as at week 25 [18<sup>th</sup> June – 24<sup>th</sup> June 2018 (Table 1)].
- Of the 2,253 suspected cases, 2,071 (91.9%), had blood samples collected and sent to the Nigerian testing laboratories for confirmation
- Of the 2,071 samples collected, **109 (5.3%) tested positive for yellow fever (presumptive positives) and 16 (0.8%) inconclusive results in six Nigerian laboratories.** (Tables 1)
- **As at Epi week 25 [18<sup>th</sup> June – 24<sup>th</sup> June 2018] 47 (37.6%) samples out of the 125 (positive and inconclusive) samples in Nigeria have been confirmed positive by IP, Dakar. 77 samples were negative, 1 sample is awaiting results from IP Dakar** [Table 1].
- Predominant age groups affected among the suspected cases are 20 years and below accounting for 62.8%: [Median age is 15 years (range 1 – 92 years) Male to female ratio is 1.4 to 1 (male 57.9%, female 42.1%)]
- Age groups mostly affected among confirmed cases are 20 years and below accounting (57.4%)
- Among the confirmed, male to female ratio is 1.8:1 (male 63.8%, female 36.2%)
- Yellow fever vaccination campaigns have been successfully completed in six states
- Yellow fever Preventive mass vaccination campaign (PMVC) completed in six states Nasarawa, Cross River, Akwa Ibom; Kogi, Kwara and Zamfara
- 2018 phase 2 PMVC to be implemented from 8<sup>th</sup> – 17<sup>th</sup> 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 2.1%, and 21.3% for confirmed cases.

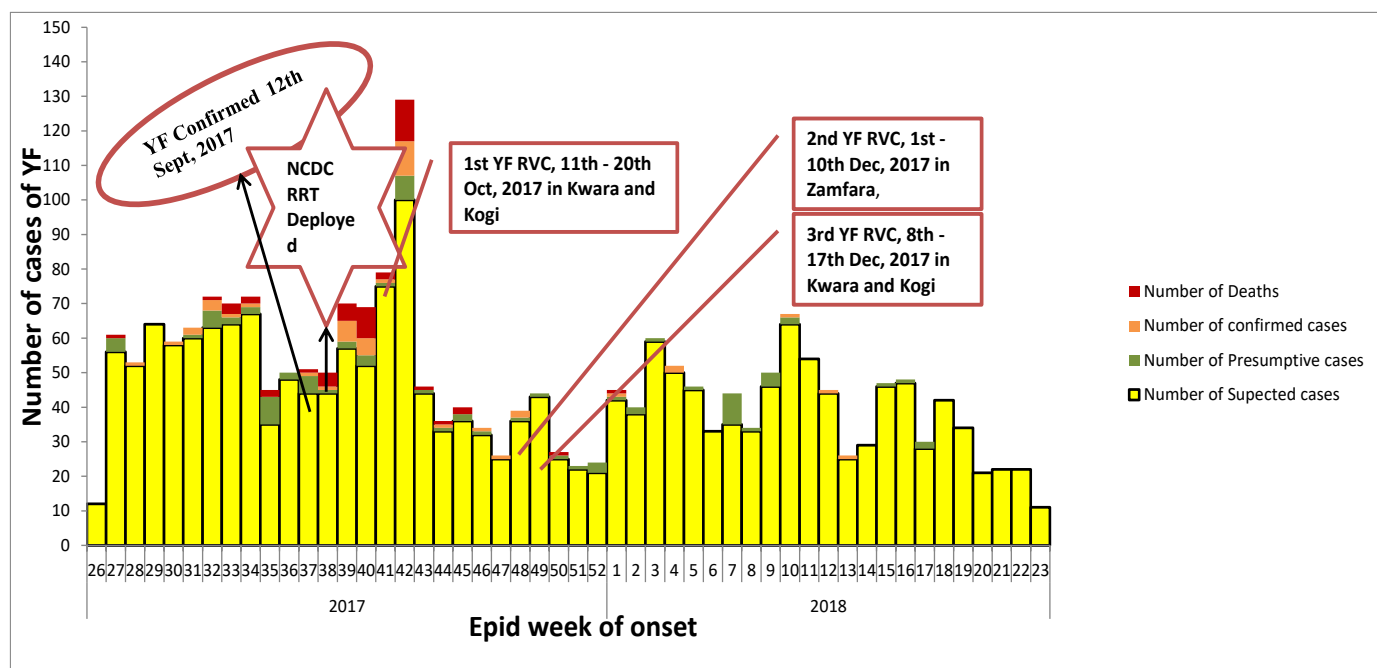
## EPI- SUMMARY

**Table 1: Showing all affected states and cases with Yellow fever as at week 25 (18<sup>th</sup> June – 24<sup>th</sup> June), 2018**

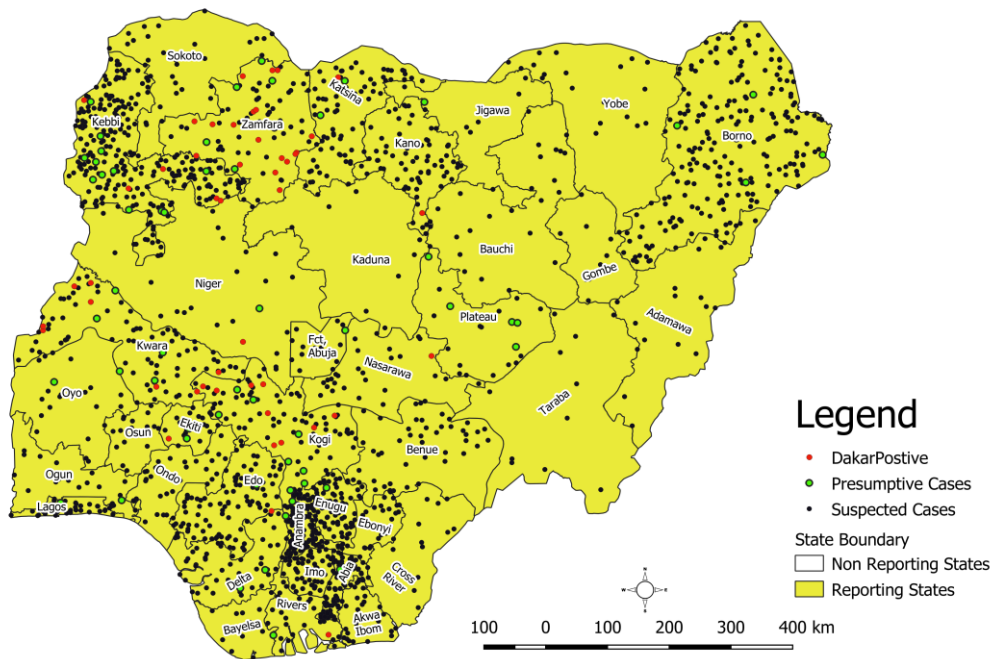
Description	Abia	Borno	Kogi	Kwara	Plateau	Zamfara	Kebbi	Enugu	Oyo	Anambra	Edo	Lagos	Kano	Nasarawa	Katsina	Niger	Bayelsa	Cross River	Kaduna	Rivers	Sokoto	Imo	Delta	Jigawa	Akwa Ibom	Ebonyi	Ekiti	FCT	Ogun	Ondo	Osun	Benue	Adamawa	Bauchi	Gombe	Taraba	Yobe	Total
Total Number of cases in the linelist	92	212	85	116	18	135	357	97	26	125	99	41	89	85	113	22	12	13	16	28	42	48	46	8	35	30	18	16	25	37	22	58	19	25	10	12	21	2253
Number of LGAs with suspected cases	14	21	18	12	9	10	21	14	16	16	18	9	26	13	19	9	6	6	9	15	15	19	20	7	14	11	11	4	10	13	14	18	11	11	7	9	9	484
Number of LGAs with Presumptive /inconclusive cases	1	3	6	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	57
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	0	0	0	0	0	0	0	0	0	0	0	22
Number suspected cases with Blood sample	91	210	78	77	18	49	353	97	26	125	99	41	88	45	111	22	12	13	16	28	42	48	46	8	35	30	18	16	25	37	22	58	19	25	10	12	21	2071
Number of Presumptive Positives in Nigeria	1	5	18	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	109
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	2	0	0	0	0	0	0	0	0	16
Total number of samples sent to Dakar	1	6	18	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	125
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	77	
Number awaiting result from Dakar	0	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	1
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	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	10	

States with presumptive/inconclusive cases  
 States with confirmed cases  
 States with only suspected cases

CFR for all cases = 2.1%, among the Presumptive/inconclusive cases 11.2% and among IP Dakar confirmed cases 21.3%



**Figure 1: Epidemic curve of suspected / confirmed cases of yellow fever in Nigeria as at week 25 (18<sup>th</sup> June – 24<sup>th</sup> June), 2018**



*Figure 2: Map of Nigeria showing states with suspected/presumptive/confirmed as at week 25 (18<sup>th</sup> June – 24<sup>th</sup> June), 2018)*