

SITUATION REPORT

Nigeria Centre For Disease Control (NCDC)

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YELLOW FEVER OUTBREAK IN NIGERIA SITUATION REPORT SERIAL NUMBER 6, WK 47: 28TH NOVEMBER, 2017

HIGHLIGHTS

- A Yellow fever outbreak is currently active in Nigeria with **four states recording confirmed cases** (Kwara, Kogi, Kano, and Zamfara).
- However, total of **fifteen states** have reported suspected cases (Abia Borno, Kogi, Kwara, Kebbi, Plateau, Zamfara, Enugu, Oyo, Anambra, Edo Lagos, Kano, Nasarawa and Katsina States)
- In the reporting week,
 - Katsina State had one presumptive case among delayed samples sent from the Kaduna Lab.
 - An additional 54 suspected cases from Kano State added to the national line list.
 - No result(s) this week from IP Dakar.
 - One suspected case from Lokoja LGA, Kogi state. Sample collected and sent to MDH Abuja Lab
- The outbreak started with a case of Yellow fever confirmed in Ifelodun LGA in Kwara State, on September 12th, 2017.
- The index case was a seven-year-old girl who presented with fever, jaundice and vomiting of blood, with no record of previous vaccination and no history of recent travel.
- As at 28th November, 2017, a total of 331 suspected YF cases have been line-listed (Table 1)
- Of these 331 suspected cases, 187 (56.5%) suspected cases had their blood samples collected and sent to the laboratory for confirmation of YF.
- Of the 187 samples collected, **67 (35.8%) had tested positive for Yellow fever and 1 (0.5%) inconclusive result in five Nigerian laboratories.**
- As at 28th November, 2017, **30 samples (44.1%) samples out of the 68 (positive and inconclusive) samples in Nigeria were confirmed positive by the Dakar Laboratory**, twenty three (33.8%) were negative and 15 (22.1%) results are being awaited. Male to female ratio is about 3:2 with 210 (63.4%) cases being males for all cases while among the confirmed, 63.3% were males.
- Predominant age groups affected were 20 years and below accounting for 67.1%
- Total number of deaths (among suspected, probable and confirmed cases) is 45, and 7 among confirmed cases
- Case fatality rate (CFR) for all cases (including suspected, probable and confirmed) is 13.6% and 23.3% for confirmed cases.

EPI- SUMMARY

Table 1: Showing all affected states and cases with Yellow fever as at 21st November, 2017

State	Abia	Borno	Kogi	Kwara	Plateau	Zamfara	Kebbi	Ebubu	Oyo	Anambra	Edo	Lagos	Kano	Nasarawa	Katsina	Total
Total Number of cases in the linelist	1	1	29	108	2	127	1	1	1	1	1	1	55	1	1	331
Number of LGAs affected	1	1	6	8	1	8	1	1	1	1	1	1	1	1	1	34
Number of LGAs with confirmed cases	0	0	2	2	0	4	0	0	0	0	0	0	1	0	0	9
Number tested in Nigeria	1	1	11	66	2	44	1	1	1	1	1	1	54	1	1	187
Number Positive in Nigeria	1	1	11	12	2	31	1	1	1	1	1	1	1	1	1	67
Number with inconclusive result	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Total number of samples sent to Dakar	1	1	11	13	2	31	1	1	1	1	1	1	1	1	1	68
Number positive in Dakar	0	0	4	7	0	18	0	0	0	0	0	0	1	0	0	30
Total number negative in Dakar	1	1	0	6	2	9	0	1	1	1	1	0	0	0	0	23
Number awaiting result from Dakar	0	0	7	0	0	4	1	0	0	0	0	1	0	1	1	15
Number of deaths from all cases	0	0	3	16	0	26	0	0	0	0	0	0	0	0	0	45
Number of deaths from Dakar confirmed	0	0	2	0	0	5	0	0	0	0	0	0	0	0	0	7

CFR for all cases = 13.6%: CFR for Dakar positive confirmed cases 23.3%

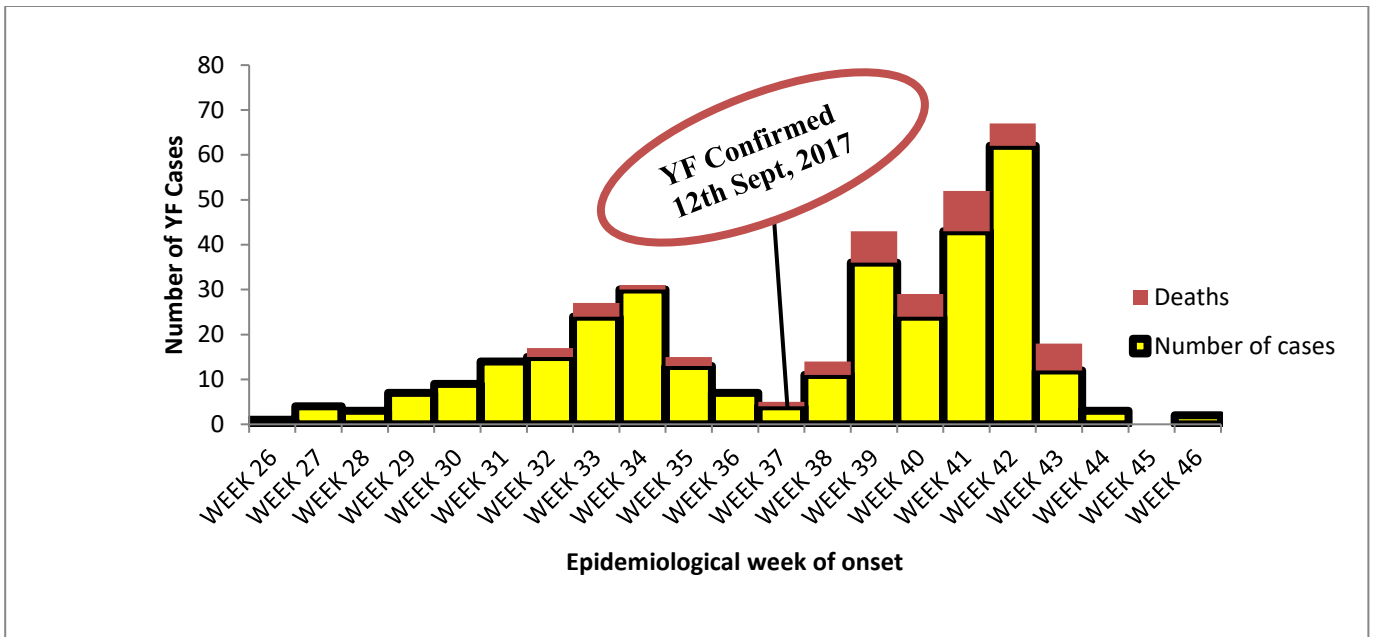


Figure 1: Epidemic curve suspected / confirmed cases of Yellow fever in Nigeria 28th November, 2017

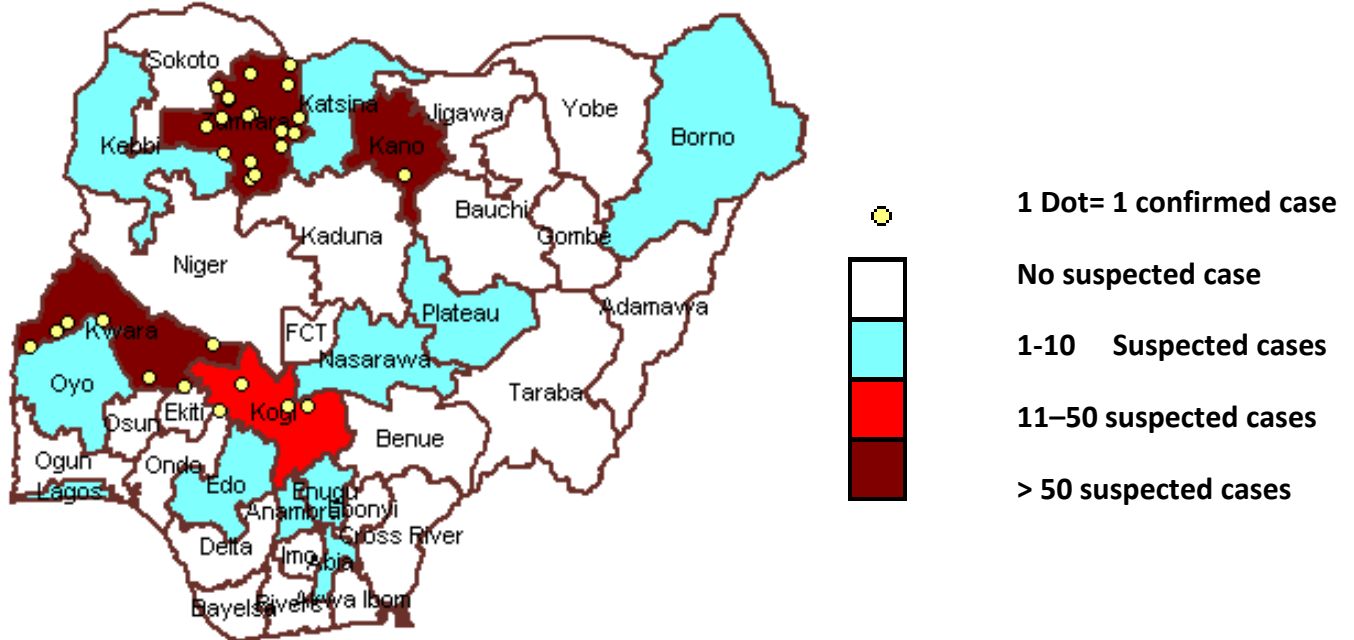


Figure 2: Map of Nigeria showing states with suspected/confirmed cases of Yellow fever, 28th November, 2017