

SITUATION REPORT

Nigeria Centre For Disease Control (NCDC)

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TITLE:	YELLOW FEVER OUTBREAK IN NIGERIA
SERIAL NUMBER:	009
EPI-WEEK:	01
DATE:	2nd January, 2018

HIGHLIGHTS

- A yellow fever outbreak is currently active in Nigeria with seven States recording confirmed cases (Kwara, Kogi, Kano, Zamfara, Kebbi, Nasarawa and Niger) in twelve Local Government Areas (LGAs).
- However, a total of 16 states have reported suspected cases (Abia, Borno, Kogi, Kwara, Kebbi, Plateau, Zamfara, Enugu, Oyo, Anambra, Edo, Lagos, Kano, Nasarawa, Katsina and Niger States) in 62 (LGAs)
- In the reporting week, **one new confirmed case from Borgu LGA Niger State was confirmed by the WHO Reference Laboratory, Dakar- the first confirmed case in Niger.**
- The current outbreak started in Ifelodun LGA, Kwara State on September 12 2017. As at 2nd January, 2018, **a total of 358 suspected yellow fever cases have been line-listed** (Table 1)
- Of the 358 suspected cases, 230 (64.2%) have had blood samples collected and sent to the laboratory for confirmation.
- Of the 230 samples collected, **63 (27.4%) tested positive for yellow fever and 1 (0.4%) inconclusive result in five Nigerian laboratories.**
- As at 2nd January 2018, **33 samples (51.6%) samples out of the 64 (positive and inconclusive) samples in Nigeria were confirmed positive by the WHO Reference Laboratory, Dakar.** 24 were negative and 7 results are being awaited.
- Predominant age groups affected are 20 years and below accounting for 67.8% (See fig 3). Male to female ratio is 1.6 to 1 (Male 62.0%, Female 38.0%)
- Total number of deaths in all cases (among suspected, probable and confirmed cases) is 45, and 9 among confirmed cases - Case fatality rate (CFR) for all cases (including suspected, probable and confirmed) is 12.6%, and 27.3% for confirmed cases.

EPI- SUMMARY

Table 1: Showing all affected states and cases with Yellow fever as at 2nd January, 2018

State	Abia	Borno	Kogi	Kwara	Plateau	Zamfara	Kebbi	Enugu	Oyo	Anambra	Edo	Lagos	Kano	Nasarawa	Katsina	Niger	Total
Total Number of cases in the linelist	1	2	49	115	2	120	1	1	1	1	1	1	59	1	1	2	358
Number of LGAs affected	1	1	10	12	1	8	1	1	1	1	1	1	20	1	1	1	62
Number of LGAs with Dakar confirmed cases	0	0	2	2	0	4	1	0	0	0	0	0	1	1	0	1	12
Number tested in Nigeria	1	2	42	76	2	39	1	1	1	1	1	1	58	1	1	2	230
Number Positive in Nigeria	1	1	14	12	2	22	1	1	1	1	1	1	1	1	1	2	63
Number with inconclusive result	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total number of samples sent to Dakar	1	1	14	13	2	22	1	1	1	1	1	1	1	1	1	2	64
Number positive in Dakar	0	0	5	7	0	17	1	0	0	0	0	0	1	1	0	1	33
Total number negative in Dakar	1	1	5	6	2	4	0	1	1	1	1	0	0	0	1	0	24
Number awaiting result from Dakar	0	0	4	0	0	1	0	0	0	0	0	1	0	0	0	1	7
Number of deaths from all cases	0	0	3	16	0	26	0	0	0	0	0	0	0	0	0	0	45
Number of deaths from Dakar confirmed	0	0	3	0	0	6	0	0	0	0	0	0	0	0	0	0	9

CFR for all cases = 12.6%: CFR for Dakar positive confirmed

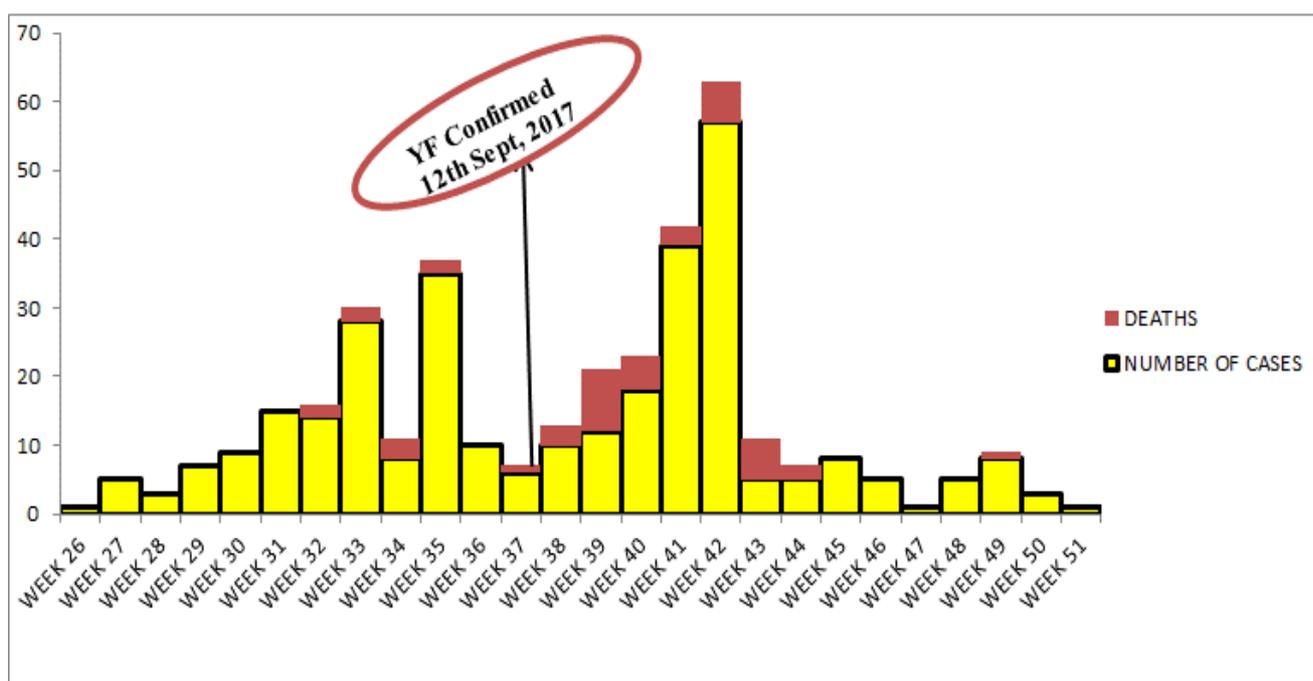


Figure 1: Epidemic curve of suspected / confirmed cases of yellow fever in Nigeria as at 2nd January, 2018

