

SITUATION REPORT

Nigeria Centre For Disease Control (NCDC)

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TITLE:	YELLOW FEVER SITUATION REPORT IN NIGERIA
SERIAL NUMBER:	07
EPI-WEEK:	09
DATE:	25th February – 3rd March, 2019

HIGHLIGHTS

- **In this reporting week, 25th February – 3rd March, 2019:**
 - Eighty eight suspected cases were recorded.
 - Two new presumptive positive cases were recorded:
 - NCDC Central Public Health Laboratory (CPHL) reported two new presumptive positive cases from Edo State - 2 (Uhunmwode LGA)
 - No new confirmed case from the Institute Pasteur (IP) Dakar.
 - Last IP Dakar confirmed cases were 20th February 2019
 - Eighteen States have recorded at least one confirmed case from Institute Pasteur Dakar since the onset of the outbreak in 2017
 - Yellow fever response activities are being coordinated by the Yellow Fever Technical Working Group (YF TWG).
- **From 1st January – 3rd March, 2019:**
 - Three hundred and sixty four suspected cases have been reported in 177 (22.9%) LGAs.
 - All suspected cases had blood samples collected.
 - Fourteen presumptive positive and one inconclusive cases from 4 states in 10 LGAs: Edo (8), Ondo (4), Kebbi (1) Imo (1) and the inconclusive case from Imo (1).
 - Five confirmed cases were reported from 2019 samples sent to Institute Dakar (Edo (2) Ondo (2) and Imo (1)
 - No death has been recorded.

SUMMARY OF OUTBREAK

A yellow fever outbreak has been active in Nigeria since September, 2017:

- From 2017 to 2018, 139 cases were confirmed in 17 States: Kwara (8), Kogi (10), Kano (1), Zamfara (19), Kebbi (7), Nasarawa (3), Niger (1), Katsina (2), Edo (69), Ekiti (2), Rivers (1), Anambra (1), FCT (10), Benue (1), Delta (1), Ondo (2) and Abia (1): in 46 Local Government areas (LGAs).
- From September 2017 to December 2018, 276 samples (presumptive positive - 239 and inconclusive - 37) were sent to IP Dakar for re-confirmation.
- All Nigerian states (36 + FCT) reported 4,100 suspected cases in 604 (78.0%) LGAs.
- Of all suspected, probable and confirmed cases, 80 deaths were recorded with 29 deaths among confirmed cases.

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- The case fatality ratio (CFR) for all cases (suspected, probable and confirmed) is 2.0%, and 21.0% for confirmed cases
- Yellow Fever preventive mass vaccination campaign (PMVC) has been completed in 12 states, led by NPHCDA:
 - 2013 PMVC phase 1 Nasarawa, Cross River, Akwa Ibom.
 - 2018 Phase 2a: Kogi, Kwara and Zamfara and in 58 political wards in 25 LGAs in Borno State.
 - 2018 phase 2b PMVC: Sokoto, Kebbi, Niger, FCT, Plateau and Borno (3 LGAs (Askira/Uba, Chibok, Konduga) States.
 - Yellow fever Reactive vaccination campaigns were implemented in Katsina (Danja LGA), Edo (13) LGAs and Benue (Vandekeiya)
 - 2019 phase 3 PMVC will be implemented in all LGAs where no YF campaigns have been implemented in Edo, Ekiti, Katsina and Rivers States

EPI- SUMMARY

Description	Abia	Adamawa	Akwa Ibom	Anambra	Bauchi	Bayelsa	Benue	Borno	Cross Rivers	Delta	Ebonyi	Edo	Ekiti	Enugu	FCT	Gombe	Imo	Jigawa	Kaduna	Kano	Katsina	Kebbi	Kogi	Kwara	Lagos	Nasarawa	Niger	Ogun	Ondo	Osun	Oyo	Plateau	Rivers	Sokoto	Taraba	Yobe	Zamfara	Total		
Total Number of cases in the linelist	7	4	1	20	13	2	9	17	7	4	0	16	0	8	8	4	15	13	5	11	53	74	4	7	1	11	4	2	8	2	5	7	1	2	11	7	1	364		
Attack Rate Per 100,000 population	0.0	0.1	0.0	0.3	0.1	0.0	0.2	0.3	0.1	0.0	0.0	0.2	0.0	0.1	0.2	0.1	0.2	0.2	0.1	0.1	0.5	1.0	0.1	0.1	0.0	0.4	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.0	0.2
Number of LGAs with suspected cases	3	2	1	10	6	2	4	10	5	3		7		6	4	2	10	8	2	8	20	15	3	4	1	6	3	2	6	1	5	4	1	2	6	4	1	177		
Number of LGAs with Presumptive /inconclusive cases	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	2	0	0	0	0	1	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	10	
Number of LGAs with confirmed cases from IP Dakar	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	4	
Number suspected cases with Blood sample collected in Nigeria	7	4	1	20	13	2	17	7	4	0	16	0	8	8	4	15	13	5	11	53	74	4	7	1	11	4	2	8	2	5	7	1	2	11	7	1	364			
Number of Presumptive Positives in Nigeria	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	14		
Number with inconclusive results in Nigeria	0	0	0	0	0	0	0	0	0	0	0	0	0	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	1	
Total number of samples sent to Dakar	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	2	0	0	0	0	1	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	15	
Number positive cases from IP Dakar	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	5		
Total number negative in Dakar	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	8	
Number awaiting result from Dakar	0	0	0	0	0	0	0	0	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	2	
Number of deaths from all cases	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	0	0	0	0	0	
Number of deaths among presumptive positives	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	0	0	0	0	0	
Number of deaths from IP Dakar confirmed	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	0	0	0	0	0	
	States with presumptive/inconclusive cases since outbreak commenced 2017																																							
	States with confirmed cases since outbreak commenced 2017																																							
	States with only suspected cases																																							

Table 1: Showing All Affected States and Cases with Yellow Fever as at Week 9, 25th – 3rd March, 2019

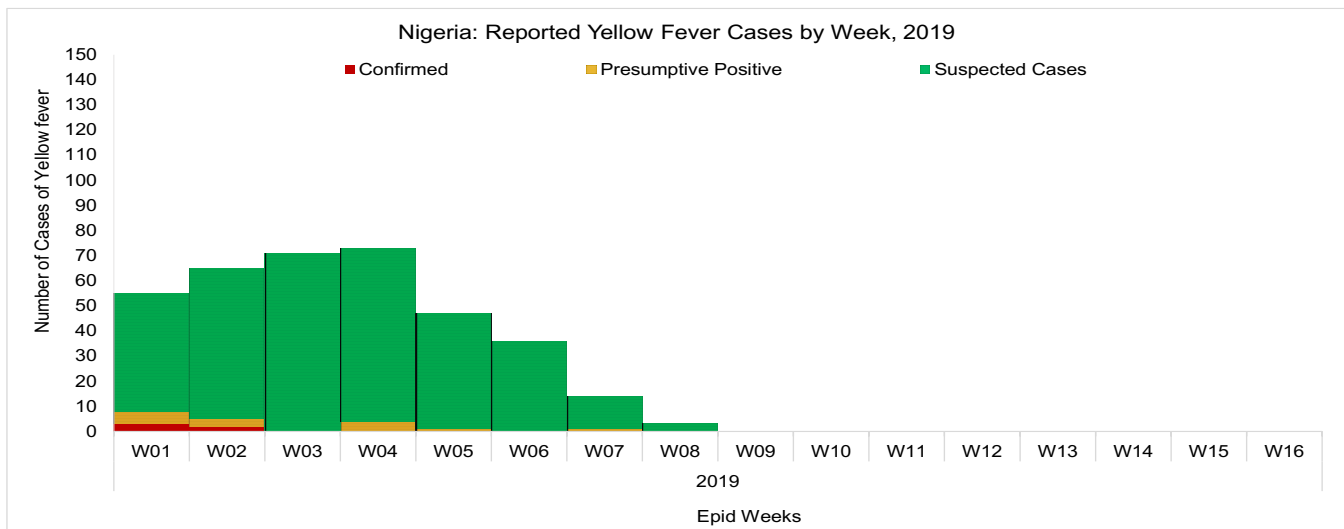


Figure 1: Epidemic Curve of Suspected / Presumptive Cases of Yellow Fever in Nigeria as at Week 8, 18th – 24th February, 2019

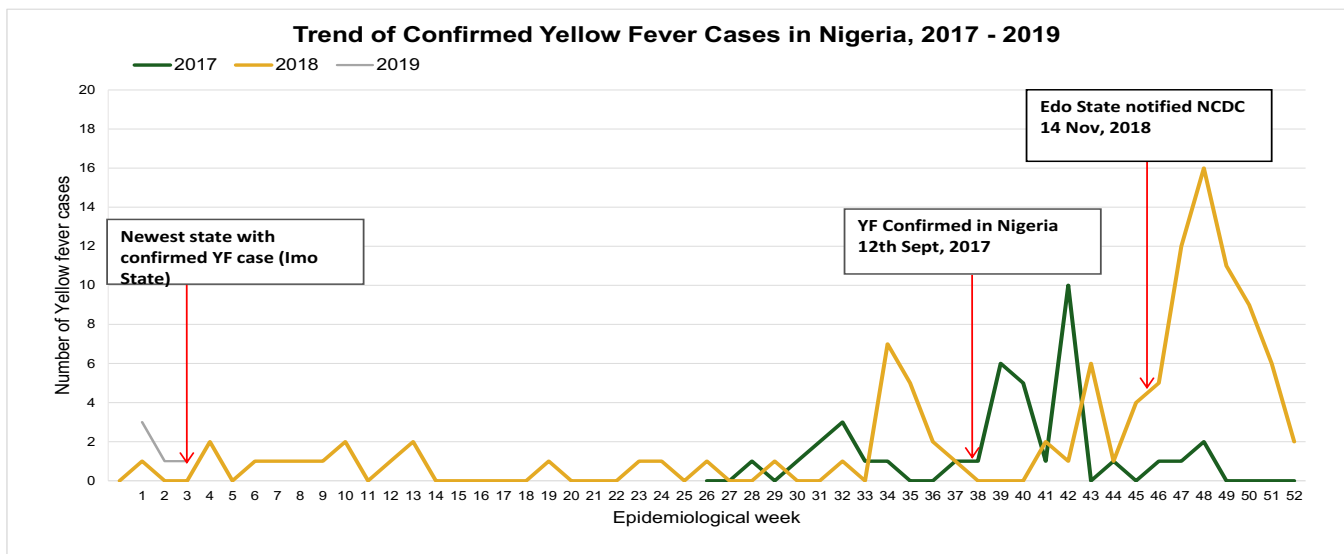


Figure 2: Trend of Confirmed Cases of Yellow Fever in Nigeria 2017 – 2019

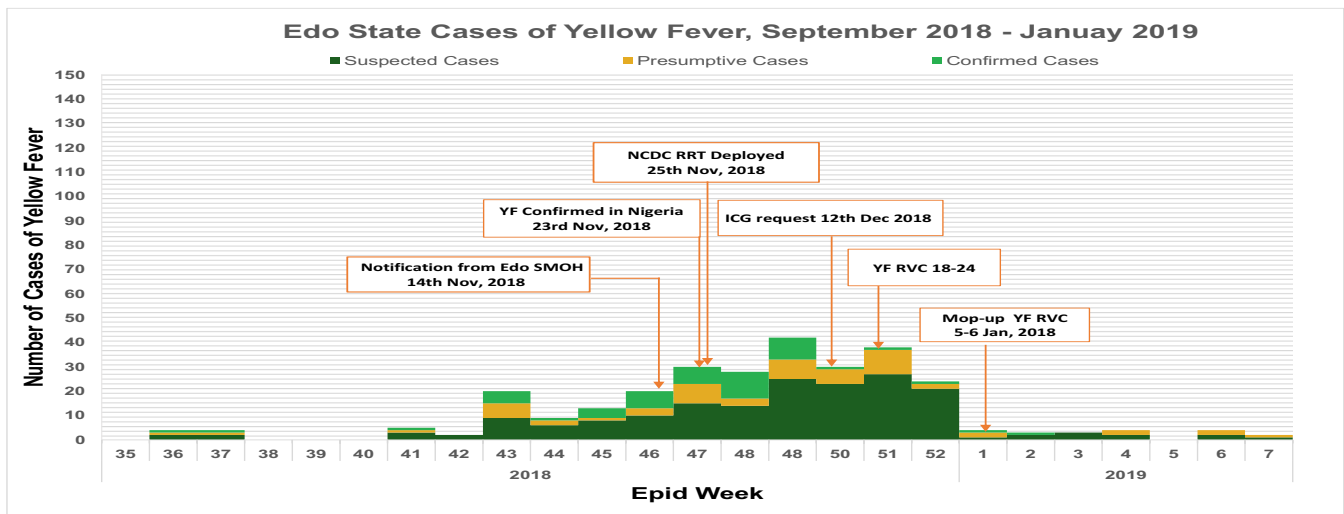


Figure 3: Epicurve of Yellow Fever Cases in Edo State (September 2018 – February 2019)

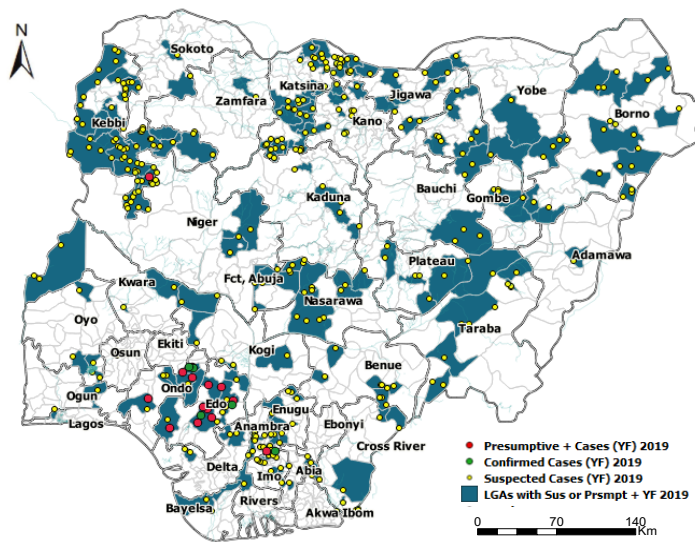
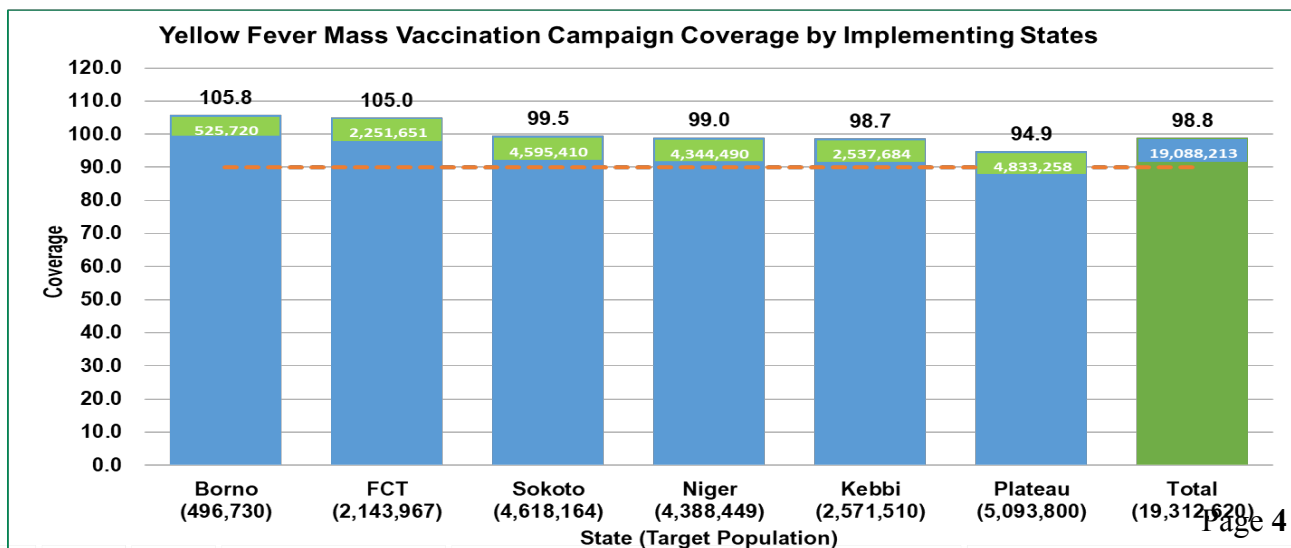


Figure 4: Map of Nigeria Showing States with Suspected /Presumptive Cases as at Week 9, 25th – 3rd March, 2019

STATES COVERAGE: 19,088,213 (n=19,312,620) persons were vaccinated



Total of 1000 Wards in 81 LGAs Implemented in 2018 Yellow Fever Mass Vaccination Campaign in the 6 States, 8 Wards in FCT has not yet submitted Tally and End Process data
 862 (86.9%) of the Wards had 90% and above Coverage; 95 (9.6%) had 80% to 90%; while 35 (4.0%) had less than 80% Coverage

Figure 5: 2018 Phase 2 Nov - Dec 2018 PMVC Admin Coverage by State

