



# SITUATION REPORT

## Nigeria Centre For Disease Control (NCDC)

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PLOT 800 EBITU UKIWE STREET, JABI ABUJA, NIGERIA. TOLL FREE CALL: 0800-970000-10. E: [info@ncdc.gov.ng](mailto:info@ncdc.gov.ng)

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<b>TITLE:</b>	<b>SITUATION REPORT OF CLUSTER OF YELLOW FEVER OUTBREAK IN BAUCHI STATE, NIGERIA</b>
<b>SERIAL NUMBER:</b>	<b>BAS 001</b>
<b>EPI-WEEKS:</b>	<b>35 – 37</b>
<b>DATE:</b>	<b>31<sup>st</sup> August – 11<sup>th</sup> September, 2019</b>

### HIGHLIGHTS

- **Nigeria is currently responding to an outbreak of yellow fever, in people who are either resident in, or have visited Alkaleri Local Government Area (LGA) in Bauchi since the 1<sup>st</sup> of August 2019**
- Suspected and confirmed cases with an epidemiological link to Bauchi have been reported in Borno, Kano, Gombe and Katsina states
- The first confirmed case was reported on the 29<sup>th</sup> of August, in a case from Kano who had visited Yankari Game Reserve, Alkaleri LGA, Bauchi in August 2019
- Of the cases with an epidemiological link to Bauchi, current epi summary is as follows:
  - 169 suspected cases
  - 10 presumptive positives cases (IgM positive on serology)
  - 15 confirmed cases by RT-PCR
  - 23 deaths
  - 5 states affected

**The National Yellow Fever technical working group (TWG) activated the national Incident Management System (IMS) to coordinate the response activities, on the 5<sup>th</sup> of September 2019.**

- **Epi Summary from week 35 – 37 2019:**
  - One hundred and sixty-nine (169) suspected cases have been reported in forty-one (41) LGAs in 5 states.
    - Bauchi (35), Borno (65), Gombe (7), Kano (4) and Katsina (58) (see table 1 below)
  - Number of samples collected among suspected cases is 151 (89.3%)
  - Number of presumptive positives is 10 (IgM positive on serology) and one inconclusive was recorded (Borno-6, Kano-1, Katsina-3 and 1 inconclusive from Borno). All have been sent to Institut Pasteur Dakar (IP Dakar) for further testing.
  - A total of 15 cases have been confirmed in the Nigerian Testing Laboratories using RT-PCR: (NCDC National Reference Laboratory Gaduwa (14); Lagos University Teaching Hospital (1) from
    - Bauchi (8), Katsina (5), Kano (1) and Gombe (1)
  - A total of 23 deaths have been recorded among suspected cases- Bauchi (9), Kano (1), Katsina (13), with Case fatality rate (CFR) of 13.6%

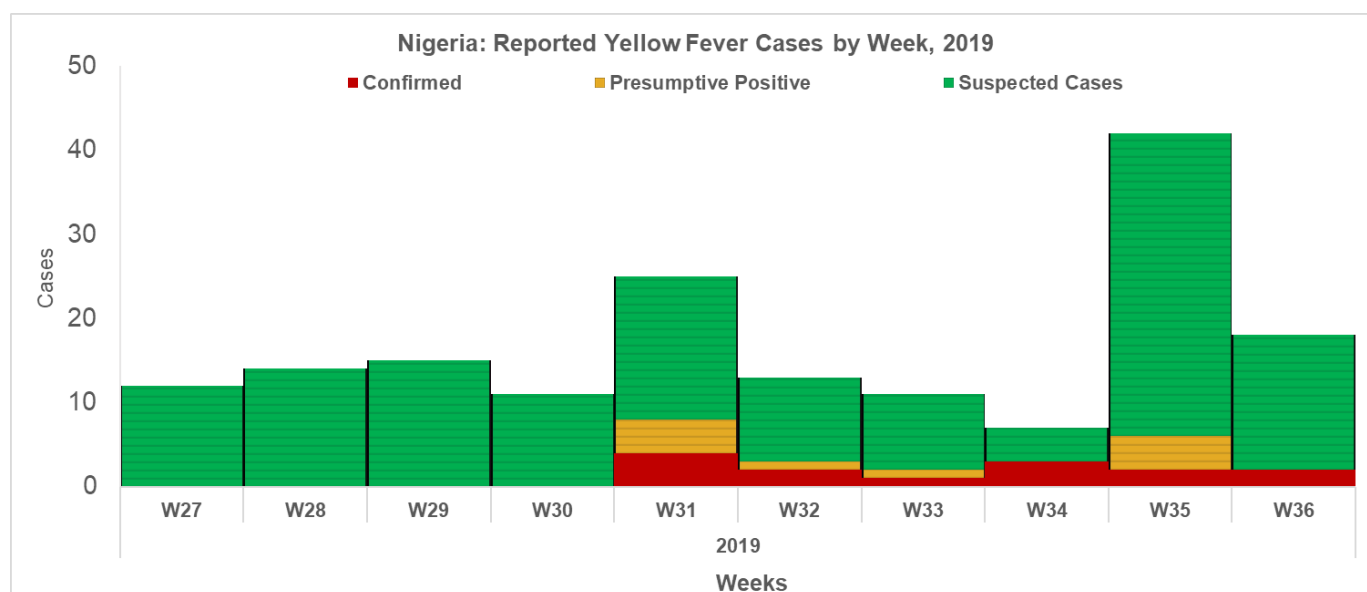
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## EPI- SUMMARY

**Table 1: Showing All Affected States in the Bauchi Cluster of Yellow Fever outbreak in Nigeria as at Week 37, 11<sup>th</sup> September, 2019**

State	LGAs with suspected cases	Total Cases	Attack Rate Per 100,000 population	Suspected cases with Blood sample collected	Presumptive Positives in Nigeria	Inconclusive samples sent to Dakar	Positive cases from IP Dakar	Positive cases PCR NG	Confirmed Positive (Dakar+NG)	Total Deaths	Deaths among presumptive positives	Deaths from IP Dakar confirmed	CFR
Adamawa	0	0	-	0	0	0	0	0	0	0	0	0	0.00
Bauchi	6	35	0.50	30	0	0	0	8	8	9	0	0	0.26
Borno	15	65	1.05	65	6	1	0	0	0	0	0	0	0.00
Gombe	1	7	0.20	7	0	0	0	1	1	0	0	0	0.00
Kano	4	4	0.03	4	1	0	0	1	1	1	0	0	0.25
Katsina	16	58	0.70	45	3	0	0	5	5	13	0	0	0.22
<b>Total</b>	<b>42</b>	<b>169</b>	<b>0.39</b>	<b>151</b>	<b>10</b>	<b>1</b>	<b>0</b>	<b>15</b>	<b>15</b>	<b>23</b>	<b>0</b>	<b>0</b>	<b>0.14</b>



**Figure 1: National YF epicurve and cases as at week 37, 11<sup>th</sup> September, 2019**

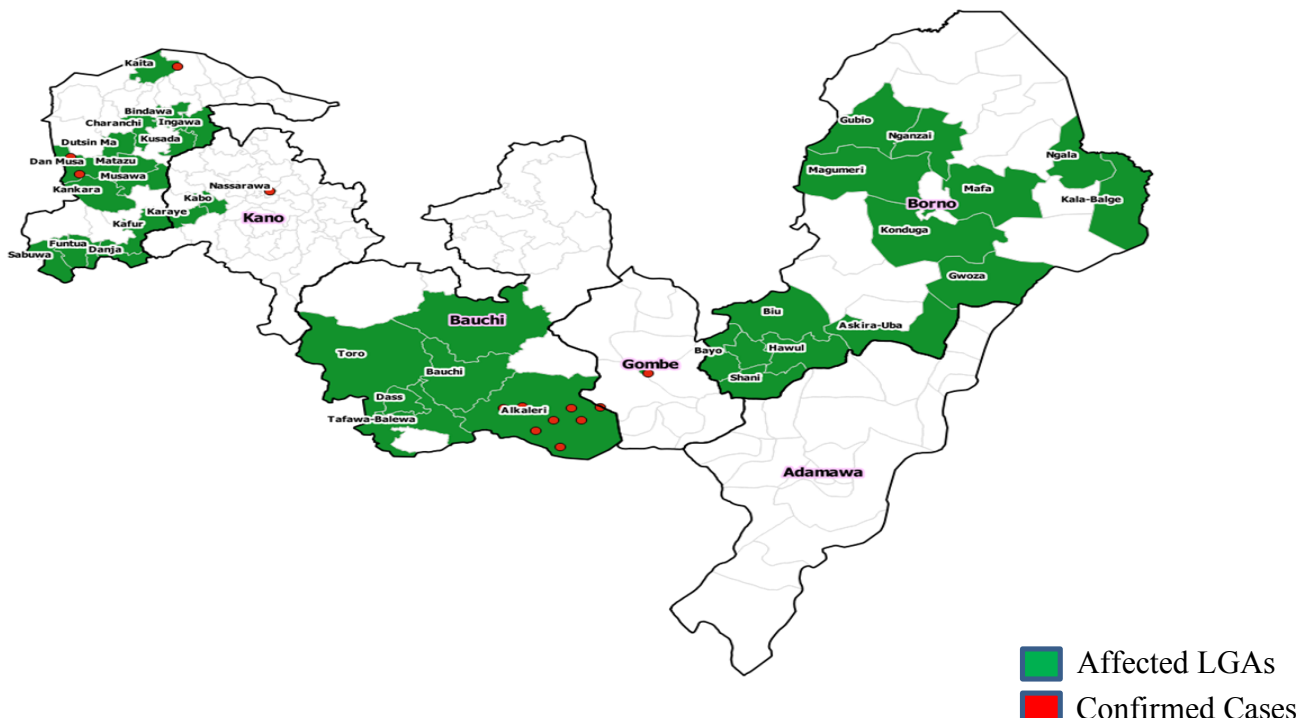


Figure 2: Map of Bauchi and the adjoining States with Suspected /Presumptive/Confirmed Cases as at Week 37, 11<sup>th</sup> September, 2019

**YELLOW FEVER OUTBREAK KEY RESPONSE ACTIVITIES**

- The outbreak response activities are being coordinated by a multi-agency National Yellow fever Emergency Operation Centre hosted at NCDC.
- National Rapid response team (RRT) including NCDC and NPHCDA deployed to Bauchi State