

## CEREBROSPINAL MENINGITIS OUTBREAK IN NIGERIA

### Situation Report

(As at 3rd April 2017)

#### Highlights

- Meningitis outbreaks are currently reported in five States (Zamfara, Katsina, Kebbi, Niger and Sokoto) in Northwest and Northcentral zones of Nigeria
- The most common serotype is *Neisseria Meningitidis* serotype C (Nm C); 83% of samples tested
- As of 3<sup>rd</sup> April 2017, a total of 2,997 cases with 336 deaths have been reported with 146 of cases being laboratory confirmed.

#### Epi summary

- Total of 2,997 suspected cases with 336 deaths (CFR=11.2%) have been reported from 92 LGAs
- Zamfara, Katsina and Sokoto States account for about 93% of the cases reported
- A total of 146 positive cases confirmed by Pastorex and Culture; *Neisseria meningitides* serotype C being the most common serotype, accounting for 83% of cases.
- The most affected age group is 5-14 years of age.
- First report of suspected case began in week 50 of 2016 in Zamfara; cumulative of 15 Epid weeks
- Risk of international border transmission; Zurmi LGA in Zamfara State, Gada LGA in Sokoto State and Jibia LGA in Katsina State share borders with Niger Republic
- 500,000 doses of the AC-PS vaccine granted by the International Coordinating Group on Vaccine Provision (ICG) for reactive vaccination in Zamfara has arrived Nigeria.
- Reactive Vaccination has been re-scheduled for 5<sup>th</sup> – 9<sup>th</sup> April 2017 in Zamfara State, while Sokoto and Katsina's ICG requests being considered

## Spot map of CSM, Nigeria (week 01 to week 13)

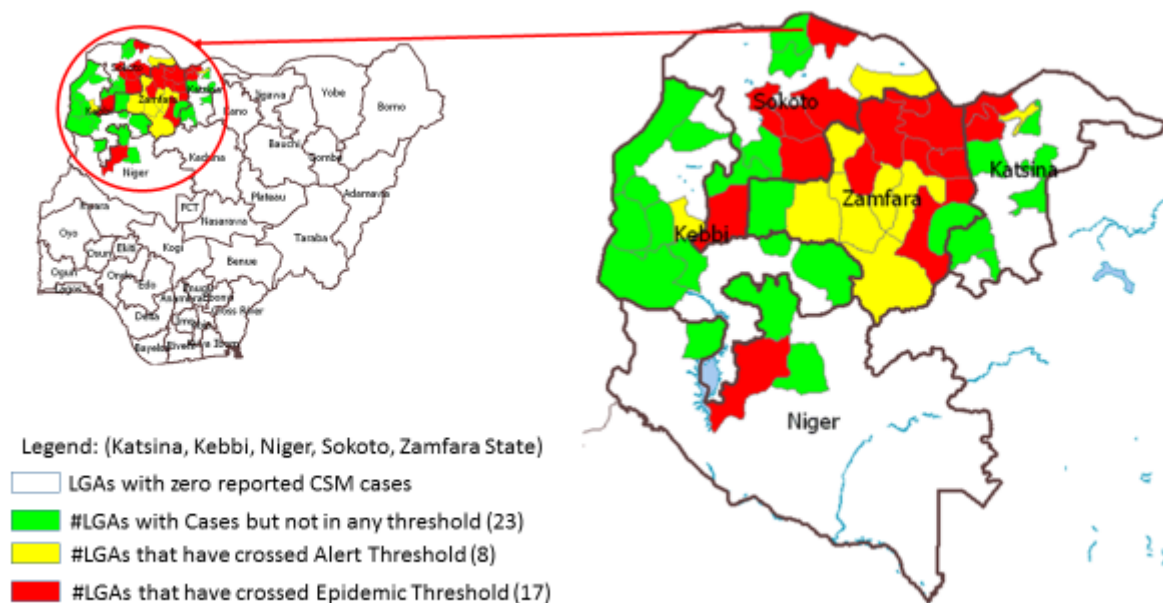


Figure 1: LGAs in Alert/Epidemic Threshold using Cumulative Attack Rate from Week 1-13

Table 1: CSM summary by State as of 3rd April, 2017.

These numbers are subject to change due to ongoing reclassification, retrospective investigation and availability of laboratory results.

S/N	STATE	LGAs	CASES	LAB CONFIRMED	DEATHS	CFR (%)
1	Zamfara	14	1846	67	216	11.7
2	Sokoto	17	662	23	41	6.2
3	Katsina	12	211	31	46	21.8
4	Kebbi	13	69	12	11	15.9
5	Niger	5	93	5	33	37.1
6	FCT	2	5	0	5	100
7	Nassarawa	1	1	0	0	0
8	Gombe	1	1	0	0	0
9	Taraba	1	4	0	0	0
10	Kano	13	36	4	3	8.3
11	C/River	1	2	0	0	0
12	Osun	1	1	0	0	0
13	Lagos	1	3	0	2	66.7
14	Yobe	3	51	2	9	16.7
15	Jigawa	6	8	2	1	12.5
16	Plateau	1	4	0	0	0
<b>Total</b>		<b>92</b>	<b>2,997</b>	<b>146</b>	<b>336</b>	<b>11.2</b>