



YELLOW FEVER SITUATION REPORT

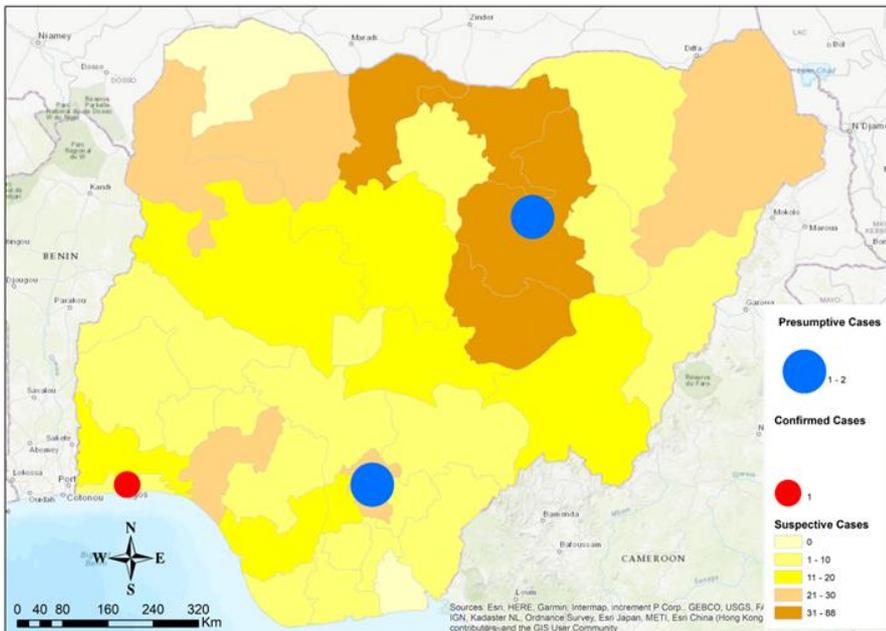
Serial Number: 012	2023 Monthly Sitrep
Epi Week:	48– 52, 2023
Reporting Month:	December 2023

REPORTING MONTH: DECEMBER 2023

HIGHLIGHTS

REPORTING PERIOD: 1ST- 31ST December 2023

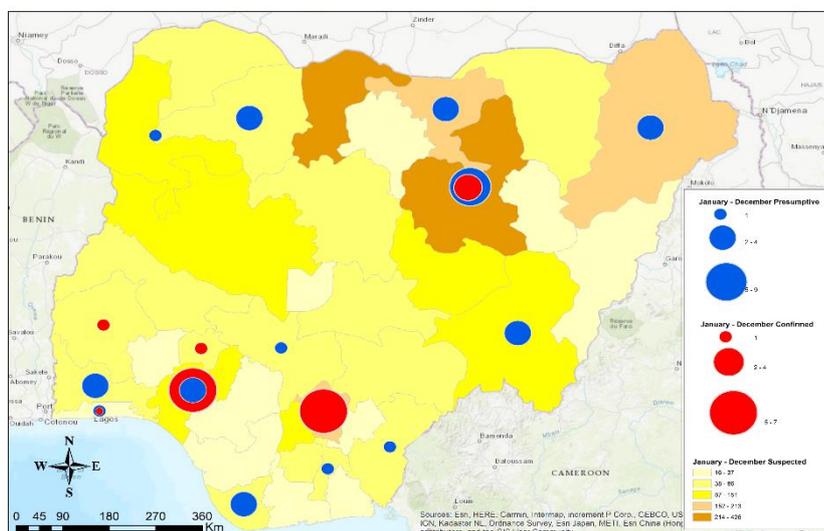
- The Nigeria Centre for Disease Control (NCDC) continues to monitor reports of yellow fever cases in Nigeria.
- A total of 600 suspected cases were reported from 273 Local Government Areas (LGAs) across 36 states including the FCT.
- The cases were reported from Abia (8), Adamawa (7), Anambra (13), Bauchi (70), Bayelsa (2), Benue (10), Borno (30), Cross River (3), Delta (12), Ebonyi (4), Edo (3), Ekiti (10), Enugu (30), FCT (2), Gombe (7), Imo (8), Jigawa (53), Kaduna (11), Kano (6), Katsina (88), Kebbi (27), Kogi (6), Kwara (7), Lagos (4), Nasarawa (13), Niger (18), Ogun (13), Ondo (22), Osun (2), Oyo (9), Plateau (33), Rivers (6), Taraba (19), Yobe (8) and Zamfara (26).
- **Four [4]**, presumptive positive cases were reported at the National Reference Laboratory (NRL) Abuja and University of Nigeria Teaching Hospital (UNTH) Enugu. These cases were reported from: Bauchi-2 [Katagum (2)] and Enugu -2 [Udenu (2)].
- **One (1) confirmed case** was reported from Institut Pasteur (IP) Dakar This case was reported from: **Lagos -1** [Ikorodu(1)]
- No deaths were recorded among suspected cases in the reporting month.



600 SUSPECTED CASES	36 STATES INCLUDING FCT WITH SUSPECTED
1 CONFIRMED CASE	1 STATE WITH CONFIRMED CASE
0 DEATHS IN CONFIRMED CASES	0 STATES WITH DEATHS IN CONFIRMED CASES

CUMULATIVE FOR 1st JANUARY – 31st DECEMBER 2023

- Cumulatively from 1st January 2023 – 31st December 2023, a total of 3,217 suspected cases have been reported from 594 LGAs in 36 states including the FCT.
- The cases were reported from Abia (43), Adamawa (22), Akwa Ibom (16), Anambra (110), Bauchi (426), Bayelsa (45), Benue (71), Borno (213), Cross River (43), Delta (31), Ebonyi (20), Edo (35), Ekiti (62), Enugu (170), FCT (28), Gombe (28), Imo (68), Jigawa (180), Kaduna (45), Kano (37), Katsina (329), Kebbi (128), Kogi (44), Kwara (49), Lagos (27), Nasarawa (68), Niger (120), Ogun (86), Ondo (106), Osun (24), Oyo (68), Plateau (142), Rivers (29), Sokoto (47), Taraba (151), Yobe (51) and Zamfara (55).
- **Forty-two (42)** Presumptive positive cases were reported from: the National Reference Laboratory (NRL) Gaduwa - [15], Central Public Health Laboratory (CPHL) Lagos - [8], Maitama District Hospital (MDH) Abuja - [1], University of Benin Teaching Hospital (UBTH) Benin - [3], University of Nigeria Teaching Hospital (UNTH) Enugu - [10] and Yusuf Dantoso Memorial Hospital (YDMH) Kaduna - [5]. These cases were reported from: **Abia -1** [Ohafia (1)], **Adamawa-2** [Jada (1), Yola North(1)], **Kogi -1** [Omala (1)], **Ogun -3** [Obafemi Owode (1), Shagamu (1), Odogbolu (1)], **Ondo -4** [Akure South (2), Ondo East (2)], **Cross River -1** [Yala (1)], **Bayelsa -2** [Yenegoa (2)], **Bauchi -9** [Itas/Gadua (4), Ganjuwa (1), Jama'are (1), Katagum (2) and Shira (1)], **Borno -2** [Jere (1), Maidugri (1)], **Enugu -9** [Igboeze North (6), Aninri (1), Udenu (2)], **Jigawa -2** [Roni (1), [Gwiwa (1)], **Kebbi -1** [Ngaski (1)], **Lagos -1** [Ifako/Ijaye (1)], **Taraba -2** [Donga (1), Sardauna (1)] and **Zamfara -2** [Talata Mafara (2)].
- **Forty-eight (48)** Inconclusive cases were recorded from the NRL - [6], CPHL - [16], UBTH [3], UNTH - [18], MDH - [1] and YDMH - [4]. These cases were reported from: Abia [2], Anambra [5], Bauchi [4], Bayelsa [1], Borno [1], Cross River [1], Edo [1], Ekiti [2], Enugu [9], Imo [2], Jigawa [1], Kaduna [1], Kebbi [2], Lagos [1], Nasarawa [1], Ogun [1], Ondo [8], Osun [1], Oyo (3) and Yobe [1]. These samples have been shipped to IP Dakar for confirmation.
- **Twenty-four (24)** confirmed cases have been reported from IP Dakar from: **Adamawa -2** [Jada (1), Yola North (1)], **Anambra -1** [Idemili South (1)], **Bauchi -4** [Jama'are (2), Itas/Gadua (1), Ganjuwa (1)], **Ekiti -1** [Ado Ekiti (1)], **Enugu -7** [Igboeze-North (7)], **Lagos -1** [Ifako/Ijeye (1)], **Ondo -6** [Akure South (3), Ondo East (2), Akoko North-East (1)], **Ogun -1** [Odogbolu (1)] and **Oyo -1** [Akinyele (1)] in the reporting period.
- Nine (9) deaths have been recorded from suspected cases from Bayelsa (1), Benue (3), Ekiti (1), Katsina (1), Niger (1) and Osun (1), **[CFR = 0.4%]**.
- Male to female ratio for suspected cases was **1.1:1** with males 1,702 (53.0%) and females 1,513 (47.0%)
- Seventy-four percent (74%) of cases were predominantly aged 30 years and below.
- Three hundred and forty-seven (10.8%) of 3,217 suspected cases received at least one dose of the yellow fever vaccine.
- The NCDC is coordinating response activities through the National Multi-agency Yellow Fever Technical Working Group (YF TWG).



3,217 SUSPECTED CASES	36 + FCT STATES WITH SUSPECTED
24 CONFIRMED CASES	9 STATE WITH CONFIRMED CASES
0 DEATHS IN CONFIRMED CASES	0 STATES WITH DEATHS IN CONFIRMED

Table 1: Summary of yellow fever cases in Nigeria from January - December 2023

State	# Suspected Cases	# LGAs with suspected cases	# LGAs with confirmed cases	Laboratory Results					Deaths	
				Samples positive (IgM) &	LGAs with positive (IgM) &	Confirmed Cases (PCR)	Confirmed (IP)	Total Confirmed Cases	# Deaths among Confirmed	# Deaths among All
Abia	43	13	-	3	3	-	-	-	-	-
Adamawa	22	10	2	2	2	1	2	2	-	-
Akwa Ibom	16	11	-	-	-	-	-	-	-	-
Anambra	110	19	1	5	5	-	1	1	-	-
Bauchi	426	19	4	14	6	-	4	4	-	-
Bayelsa	45	8	-	3	2	-	-	-	-	1
Benue	71	22	-	-	-	-	-	-	-	3
Borno	213	26	-	3	3	-	-	-	-	-
Cross River	43	17	-	2	2	-	-	-	-	-
Delta	31	16	-	-	-	-	-	-	-	-
Ebonyi	20	9	-	-	-	-	-	-	-	-
Edo	35	17	-	1	1	-	-	-	-	-
Ekiti	62	15	1	2	1	-	1	1	-	1
Enugu	170	16	1	18	5	-	7	7	-	-
FCT Abuja	28	4	-	-	-	-	-	-	-	-
Gombe	28	9	-	-	-	-	-	-	-	-
Imo	68	21	-	2	2	-	-	-	-	-
Jigawa	180	27	-	3	2	-	-	-	-	-
Kaduna	45	18	-	1	1	-	-	-	-	-
Kano	37	15	-	-	-	-	-	-	-	-
Katsina	329	34	-	-	-	-	-	-	-	1
Kebbi	128	19	-	3	2	-	-	-	-	-
Kogi	44	15	-	1	1	-	-	-	-	-
Kwara	49	13	-	-	-	-	-	-	-	-
Lagos	27	14	1	2	2	-	1	1	-	-
Nasarawa	68	12	-	1	1	-	-	-	-	-
Niger	120	18	-	-	-	-	-	-	-	1
Ogun	86	16	1	4	3	-	1	1	-	-
Ondo	106	16	4	12	6	-	6	6	-	-
Osun	24	14	-	1	1	-	-	-	-	1
Oyo	68	23	1	3	3	-	1	1	-	-
Plateau	142	16	-	-	-	-	-	-	-	-
Rivers	29	17	-	-	-	-	-	-	-	-
Sokoto	47	12	-	-	-	-	-	-	-	-
Taraba	151	16	-	2	2	-	-	-	-	1
Yobe	51	14	-	-	-	-	-	-	-	-
Zamfara	55	13	-	2	1	-	-	-	-	-
TOTAL	3,217	594 (76.7%)	16 (2.1%)	90 (2.8%)	57 (7.4%)	1 (0.03%)	23 (0.71%)	24 (0.74%)	0 (0%)	9 (0.3%)

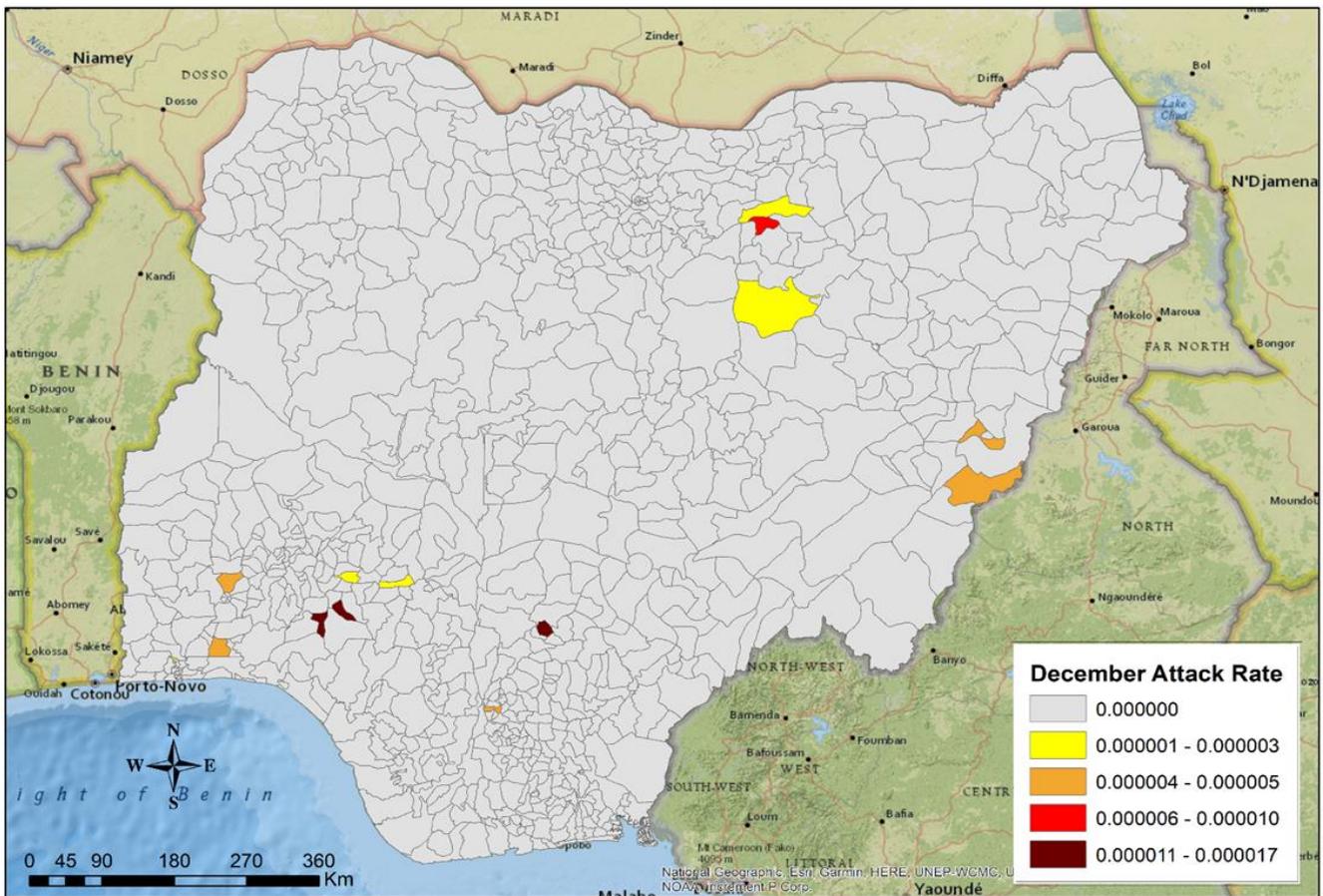


Figure 1: Map of Nigeria showing yellow fever outbreak attack rates in affected LGAs from 1st January– 31st December 2023

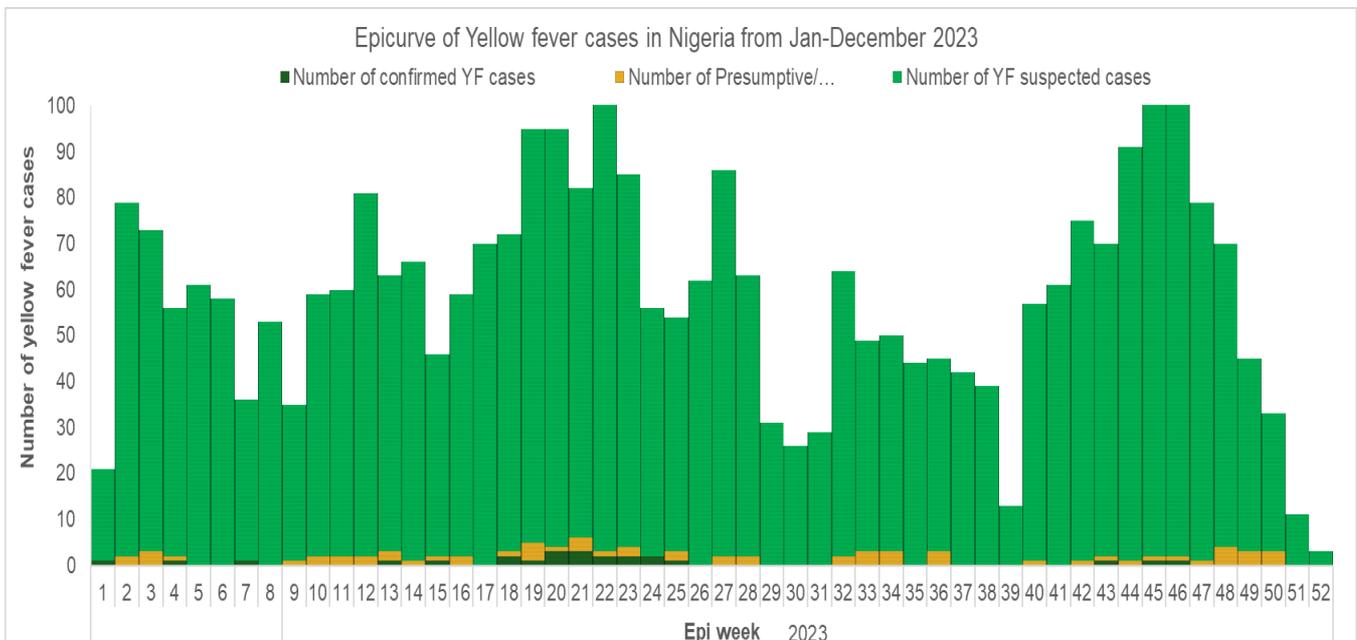


Figure 2: Epicurve of yellow fever cases in Nigeria from 1st January– 31st December 2023

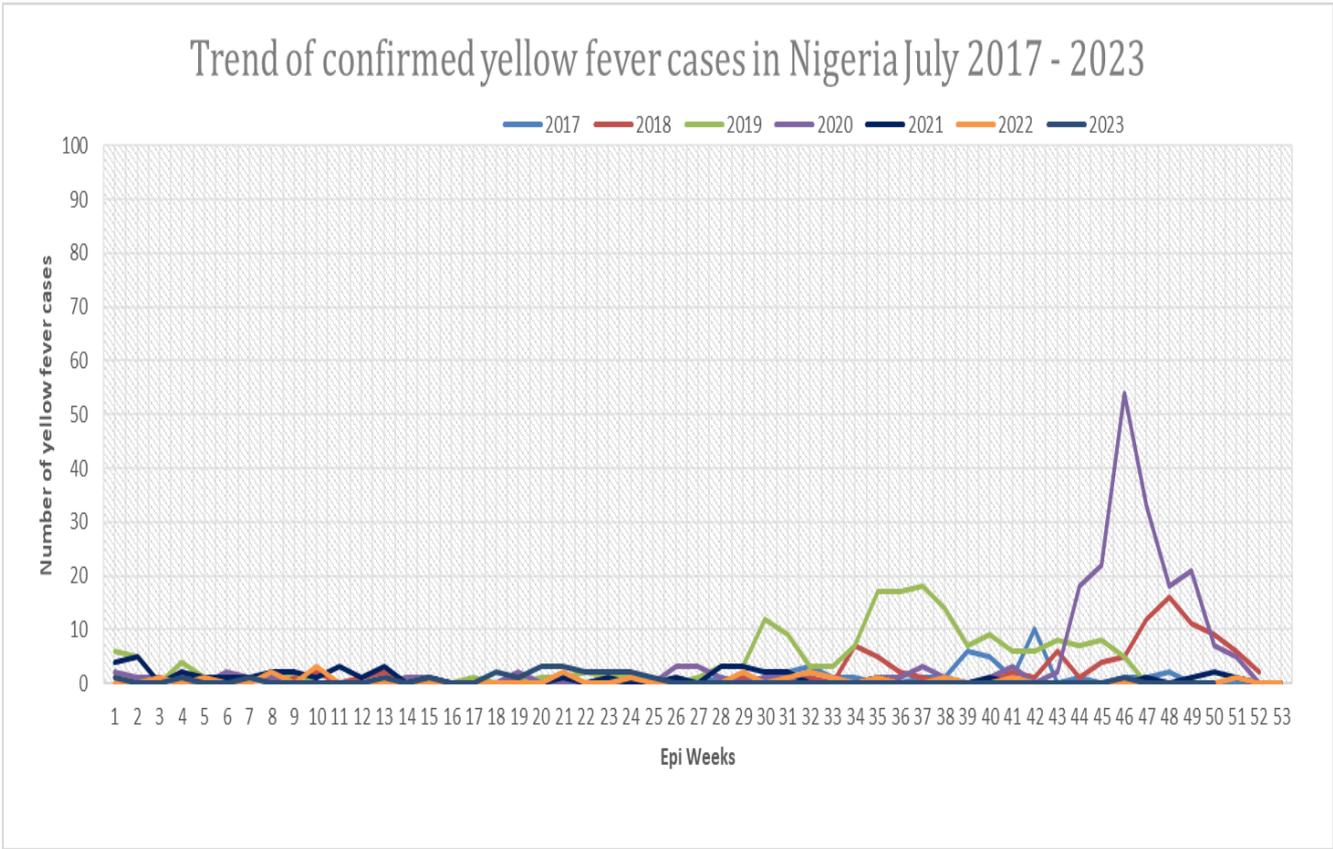


Figure 3: Trend of confirmed yellow fever cases in Nigeria from July 2017–December 2023

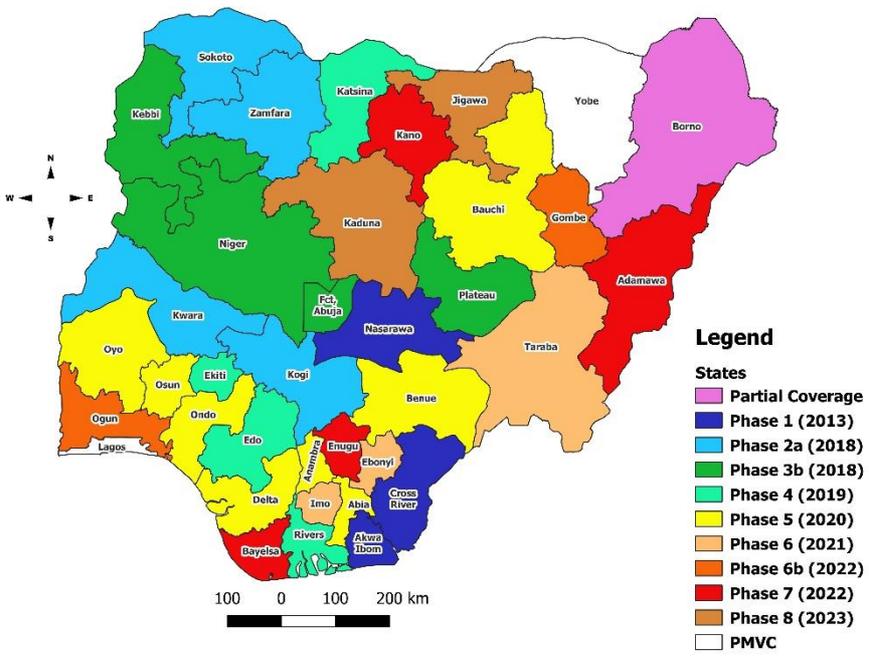


Figure 4: Map of Nigeria showing states and year of implementation of yellow fever mass vaccination campaigns from 2013 - 2023.

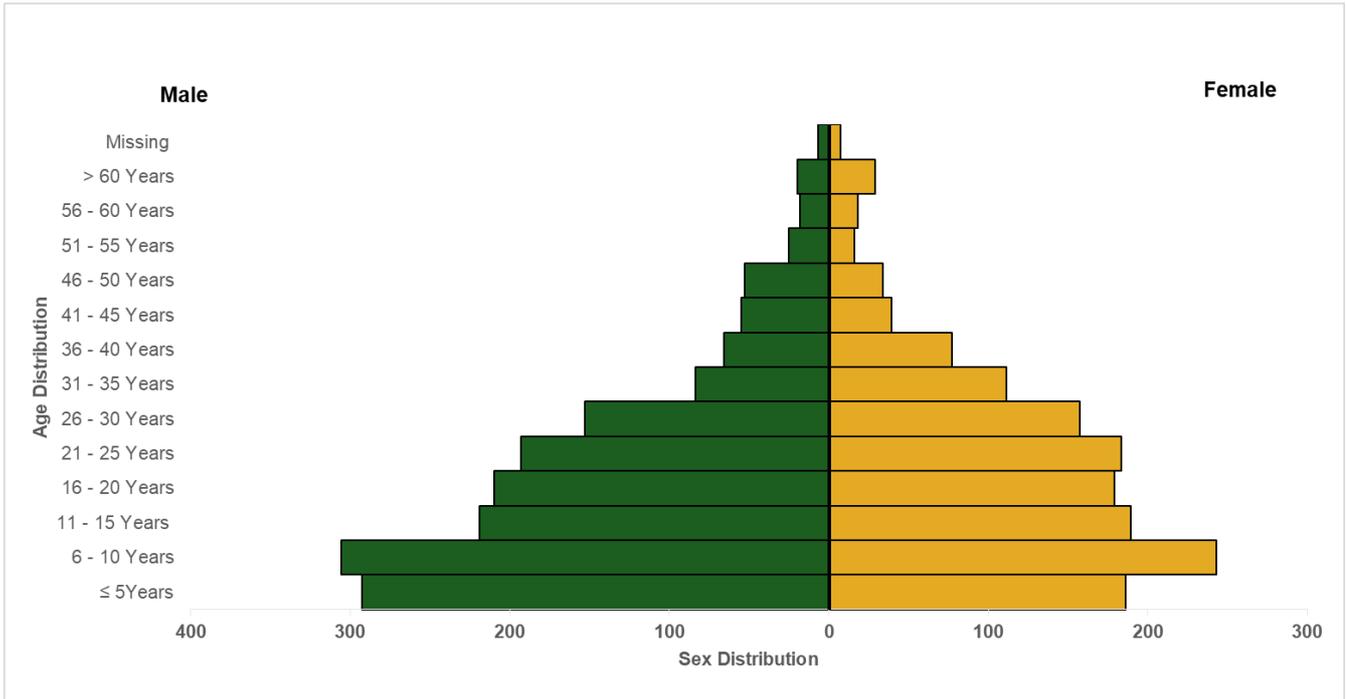


Figure 5: Age and sex distribution of yellow fever cases in Nigeria from 1st January – 31st December 2023

Partners

