

MEASLES SITUATION REPORT

Serial Number 02

Data as of February 28th 2025



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HIGHLIGHTS

– In Febraury, 2025:

- Yobe (221), Katsina (123), Bauchi (107), Akwa Ibom (92), and Oyo(69) accounted for 38.7% of the 1,581 suspected cases reported
- Of the suspected cases reported, 120 (10.89%) were confirmed (107 lab-confirmed, 0 epidemiologically linked, 13 clinically compatible), 562 (51.00%) were discarded & 420 (38.11%) were pending
- A total of 411 LGAs across 35 States + FCT reported at least one suspected case
- Zero (0) deaths was recorded from confirmed cases

– From January – Febraury, 2024:

- Yobe (446), Bauchi (286), Katsina (283), Akwa Ibom (163), Jigawa (142), Kebbi (132), Borno (127), and Ogun (107) accounted for 49.5% of the 3,410 suspected cases reported
- Of the suspected cases reported, 452 (17.72%) were confirmed (411 lab-confirmed, 0 epidemiologically linked, 41 clinically compatible), 1,353 (58.34%) were discarded & 514 (22.16%) were pending
- The age group 9 - 59 months accounted for 218 (48.23%) of all confirmed cases
- A total of 0 deaths (CFR = 0.00%) were recorded among confirmed cases
- Up to 366 (81.0%) of the 452 confirmed cases did not receive any dose of measles vaccine (“zero dose”)

– Measles outbreaks as at February 28th (Epi-week 01-09) 2025:

- As at end of February 2025, a total of 106 LGAs across 22 States have recorded a measles outbreak (more than 3 measles IgM+ cases within 4wks period).
- Katsina State had the highest number of LGAs (17) with record of measles outbreak, followed by Bauchi with 9 LGAs, while Adamawa, Sokoto and Yobe have 8 LGAs each.
- A total of 91 LGAs across 22 states have ongoing measles outbreak, with Katsina State having the highest number (14 LGAs), followed by Bauchi with 9 LGAs, Sokoto with 8 LGAs and Yobe state with 7 LGAs.
- Furthermore, 15 LGAs across 7 states recorded new measles outbreak in epi-week 09, 2025, with Adamawa State having the highest number of LGAs with new outbreaks, followed by Jigawa and Katsina States with 3 each.

SUSPECTED CASES

3,410 (1,581)

States With Suspected Cases

36 + FCT

LGAs with Suspected Cases

547 (411)

CONFIRMED CASES

452 (120)

States with Confirmed Cases

27 + FCT

LGAs with Confirmed Cases

179 (66)

DEATHS AMONG CONFIRMED CASES

0 (0)

MEASLES OUTBREAKS

States with Ongoing Measles
Outbreaks

5

LGAs with Recorded Measles
Outbreaks

106 (69)

LGAs with Ongoing Measles
Outbreaks in Febraury

54



Table 1: Distribution of key measles surveillance variables by states, February 2025

States	# Suspected cases	# Confirmed cases (%)	Classification of confirmed cases			% of confirmed cases aged 9-59 months	% of confirmed cases that are "zero doses"
			Lab. confirmed	Epid. linked	Clin. Compatible		
NORTH	1910	371(19%)	336	0	35	15.4%	18.7%
Adamawa	92	0(0%)	0	0	0	0.0%	0.0%
Bauchi	286	0(0%)	0	0	0	0.0%	0.0%
Benue	65	18(28%)	17	0	1	0.6%	0.9%
Borno	127	0(0%)	0	0	0	0.0%	0.0%
FCT, Abuja	33	9(27%)	8	0	1	0.2%	0.5%
Gombe	99	0(0%)	0	0		0.0%	0.0%
Jigawa	142	30(21%)	27	0	3	1.4%	1.4%
Kaduna	71	12(17%)	12	0	0	0.6%	0.6%
Kano	49	14(29%)	14	0	0	0.6%	0.7%
Katsina	283	88(31%)	75	0	13	3.4%	4.6%
Kebbi	132	35(27%)	28	0	7	1.1%	1.8%
Kogi	40	19(48%)	15	0	4	0.9%	0.9%
Kwara	91	26(29%)	23	0	3	0.9%	1.3%
Nasarawa	53	22(42%)	22	0	0	0.7%	0.9%
Niger	54	13(24%)	12	0	1	0.5%	0.7%
Plateau	81	39(48%)	38	0	1	1.1%	1.9%
Sokoto	41	31(76%)	31	0	0	2.4%	1.6%
Taraba	41	0(0%)		0	0	0.0%	0.0%
Yobe	446	0(0%)		0	0	0.0%	0.0%
Zamfara	77	15(19%)	14	0	1	1.0%	0.8%
SOUTH	1106	81(7%)	75	0	6	2.3%	0.4%
Abia	54	2(4%)	2	0	0	0.0%	0.05%
Akwa Ibom	163	19(12%)	19	0	0	0.9%	0.00%
Anambra	40	1(3%)	0	0	1	0.0%	0.05%
Bayelsa	26	0(0%)	0	0	0	0.0%	0.0%
Cross River	59	4(7%)	4	0	0	0.1%	0.0%
Delta	33	1(3%)	1	0	0	0.0%	0.0%
Ebonyi	26	1(4%)	1	0	0	0.0%	0.05%
Edo	31	0(0%)	0	0	0	0.0%	0.0%
Ekiti	85	0(0%)	0	0	0	0.0%	
Enugu	59	2(3%)	2	0	0	0.1%	0.10%
Imo	50	3(6%)	3	0	0	0.1%	0.0%
Lagos	89	1(1%)	1	0	0	0.0%	0.0%
Ogun	107	19(18%)	18	0	1	0.5%	0.0%
Ondo	58	4(7%)	4	0	0	0.2%	0.0%
Osun	76	7(9%)	5	0	2	0.2%	0.0%
Oyo	94	15(16%)	13	0	2	0.2%	0.0%
Rivers	57	2(4%)	2	0	0	0.0%	0.0%
TOTAL	3410	452(13%)	411	0	41	17.7%	19.2%

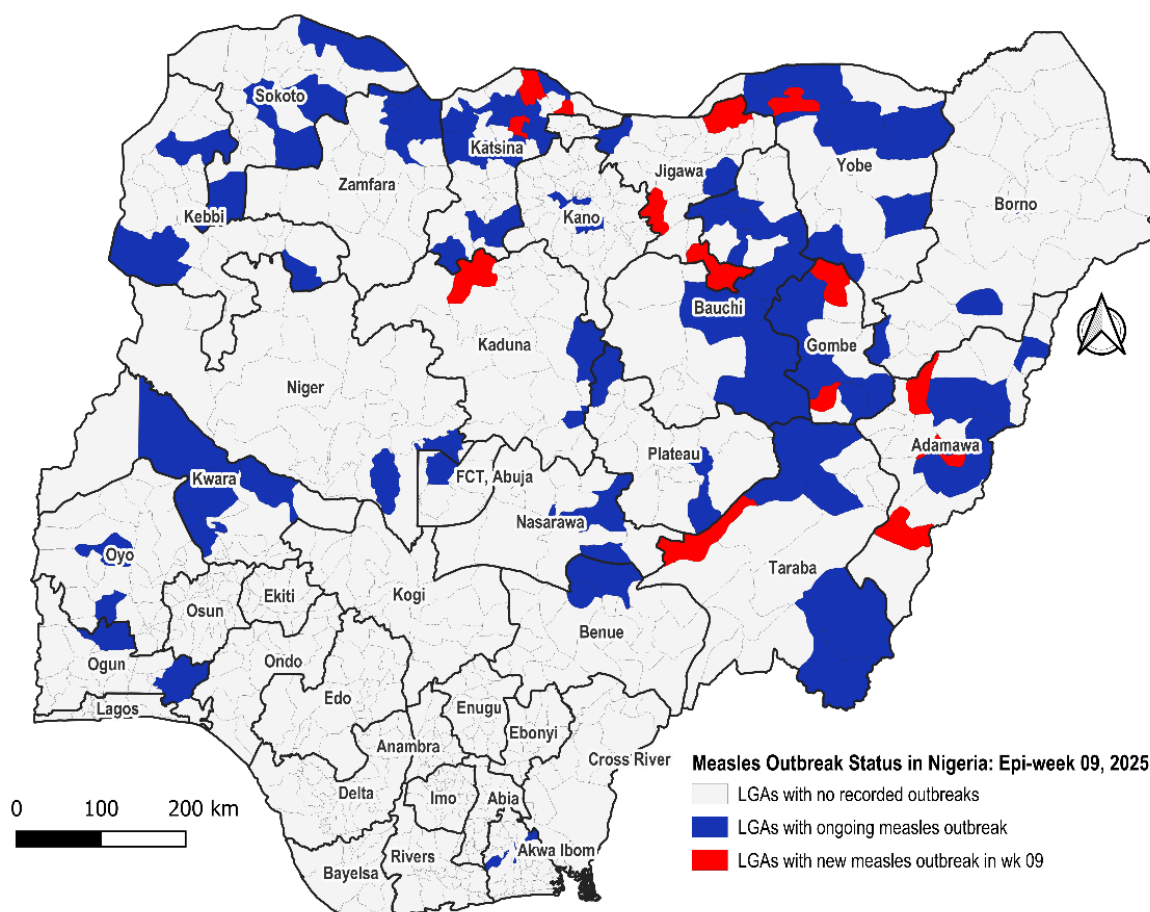


Figure 1: Distribution of measles outbreak by LGAs/States in Nigeria, February 2025

Table 2: Trend of measles surveillance performance indicators, Jan – Dec 2021 – 2025

Surveillance Performance Indicator	Target	2021 (Feb)	2022 (Feb)	2023 (Feb)	2024 (Feb)	2025 (Feb)
Annualized measles Incidence	< 1/million population	41.5	264.6	92.0	97.9	42.3
Annualized non-measles febrile rash illness (NMFRI) rate	≥ 2/100,000 population	2.0	6.5	3.9	5.3	3.2
Proportion of reported measles cases from whom blood specimen was collected	≥ 80%	52.6%	36.5%	74.4%	80.6%	100.0%
Proportion of LGAs that reported at least 1 measles case with blood specimen collected	≥ 80%	96.8%	95.4%	97.3%	98.3%	99.5%
Annualized rate of investigation (with blood specimens) of suspected measles cases	> 1/100,000 population	2.9	11.8	5.6	8.3	5.4
Proportion of lab-confirmed measles cases	< 10%	30.1%	67.3%	26.8%	31.4%	22.8%
Proportion of serum specimens arriving at measles laboratory in good condition	≥ 90%	98.8%	98.8%	98.7%	98.9%	99.3%

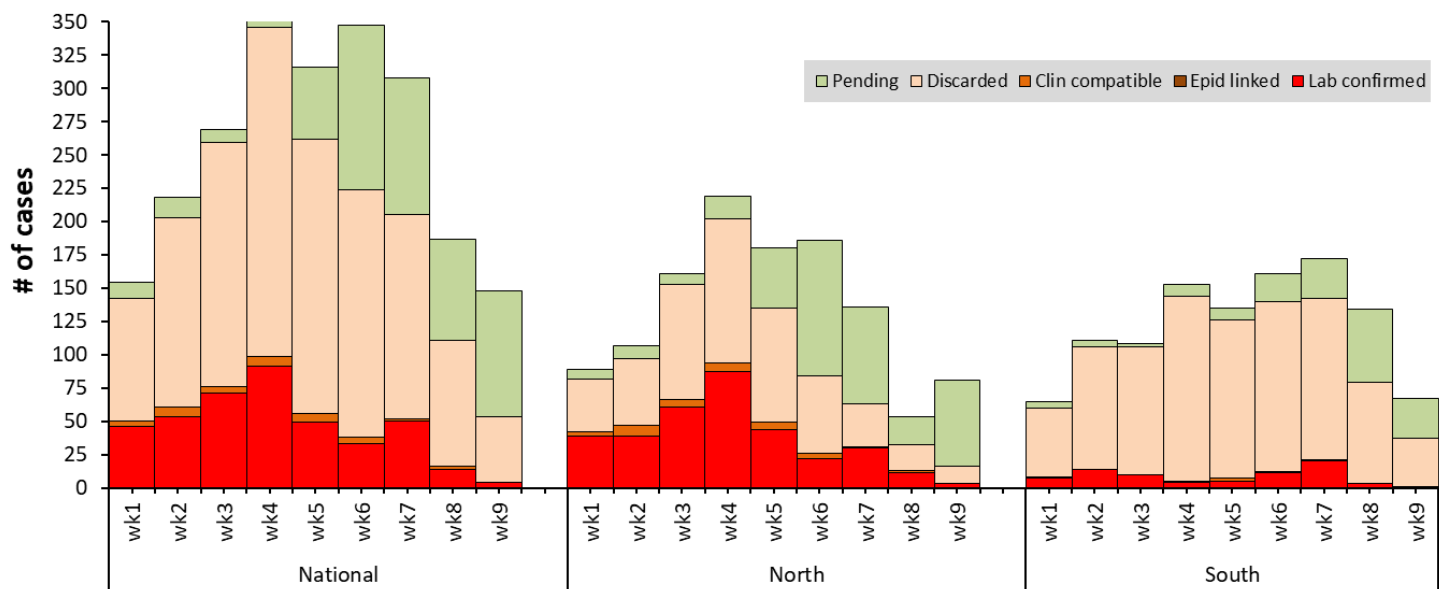


Figure 2: Epi-curve of measles cases in Nigeria (Northern vs Southern zone), February 2025

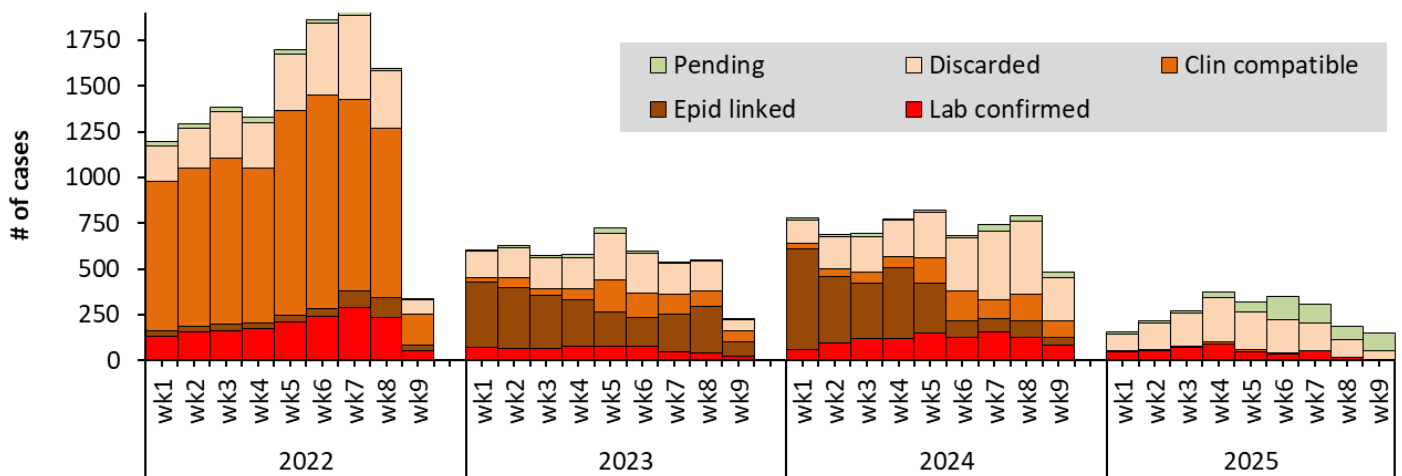


Figure 3: Epi-curve of measles cases in Nigeria, 2022 – 2025 (February)

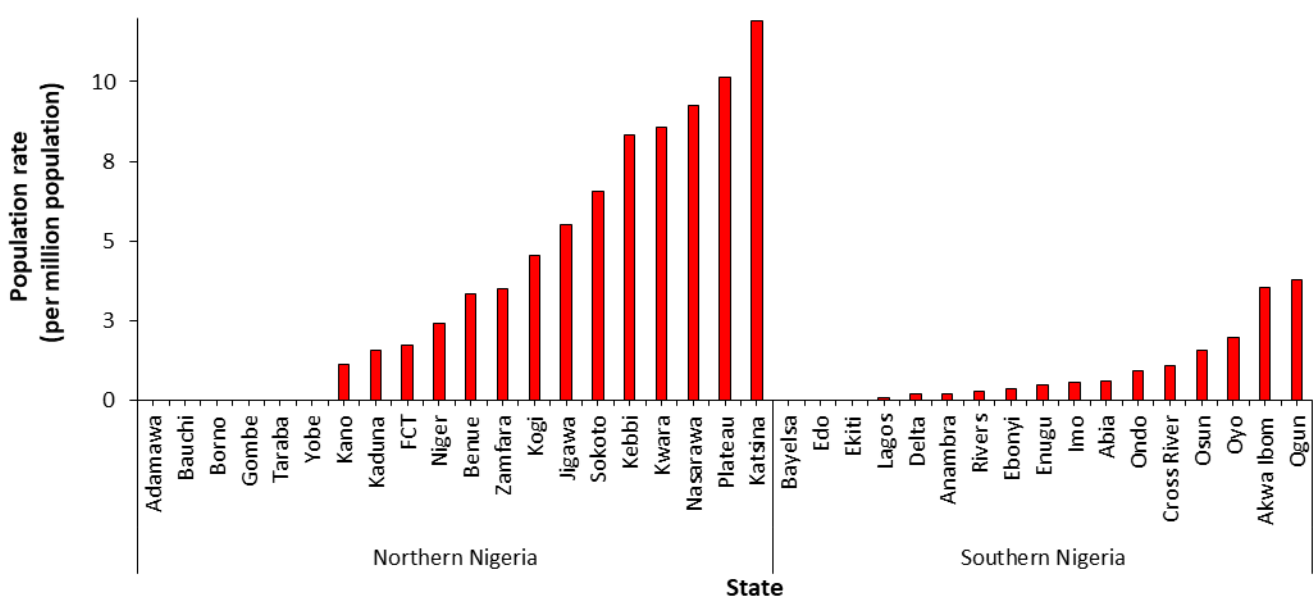


Figure 4: Incidence of confirmed measles cases in Nigeria (North & South), February 2025

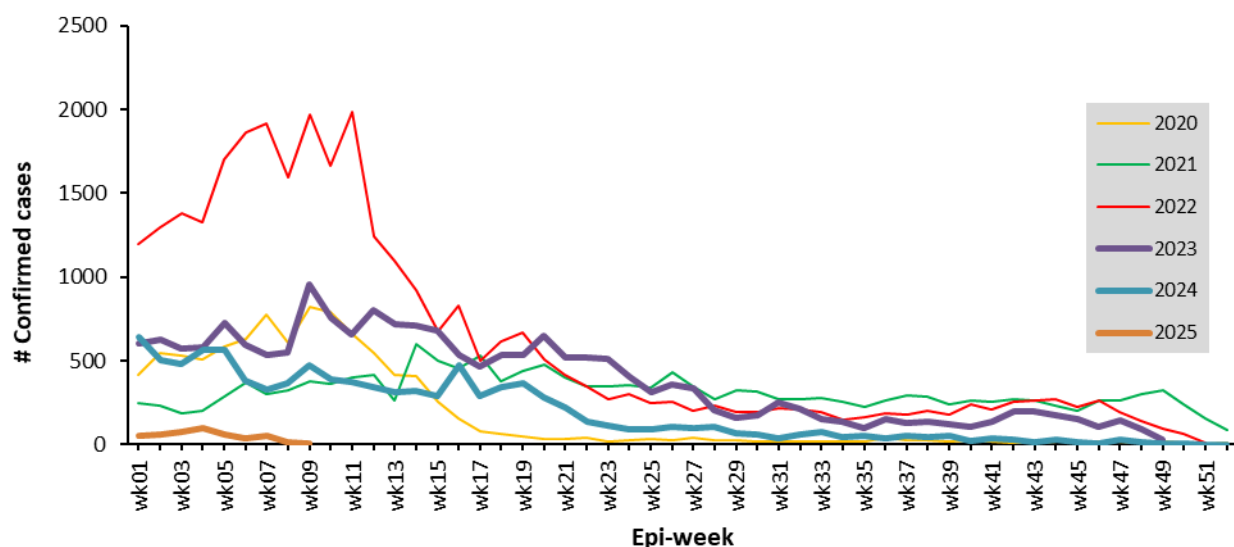


Figure 5: Trend of confirmed measles cases in Nigeria, 2021 – 2025 (epi-week 01 – 52)

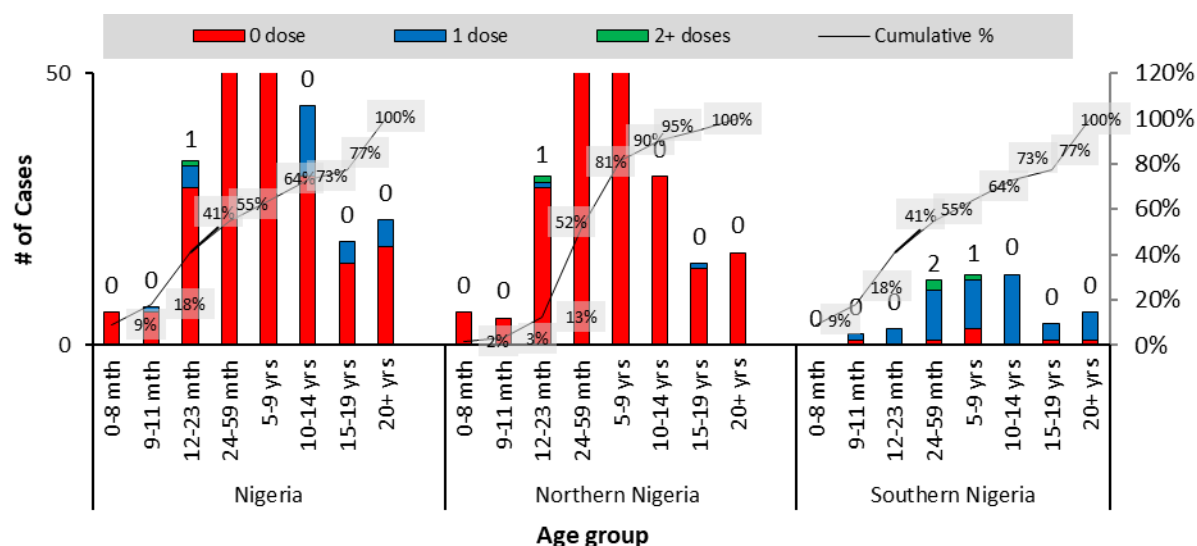


Figure 6: Vaccination status and age distribution lab-confirmed measles cases in Nigeria (Northern vs Southern zone), February 2025

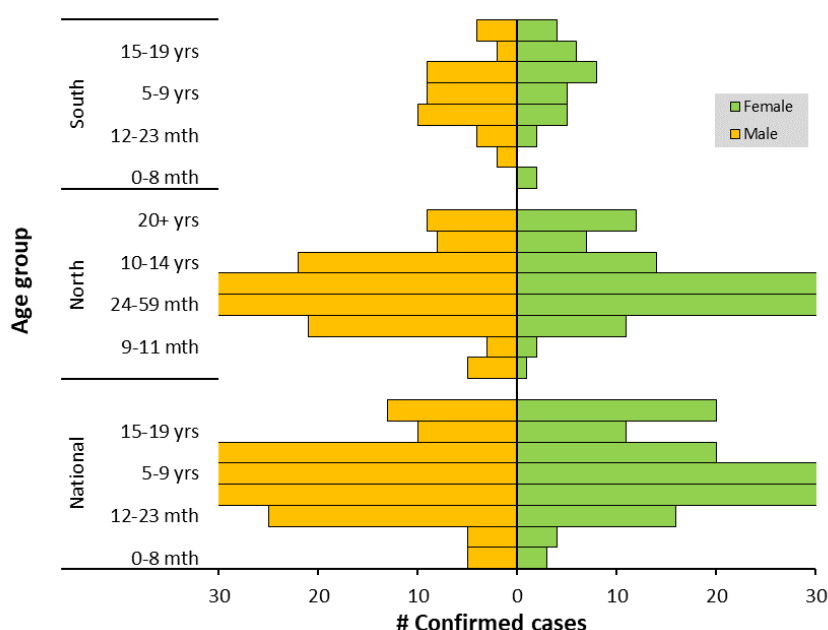


Figure 7: Age-sex distribution of confirmed measles cases in Nigeria (Northern and Southern zone), February 2025

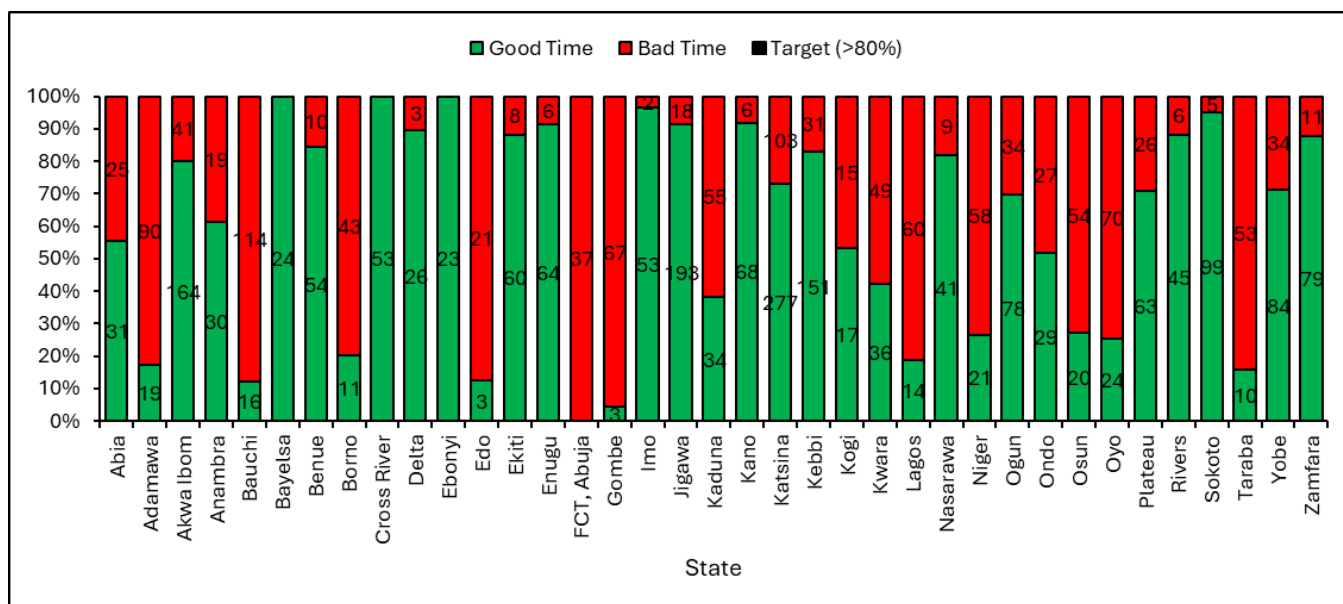


Figure 8: Proportion of measles samples reaching the laboratory in good time, Feb, 2025

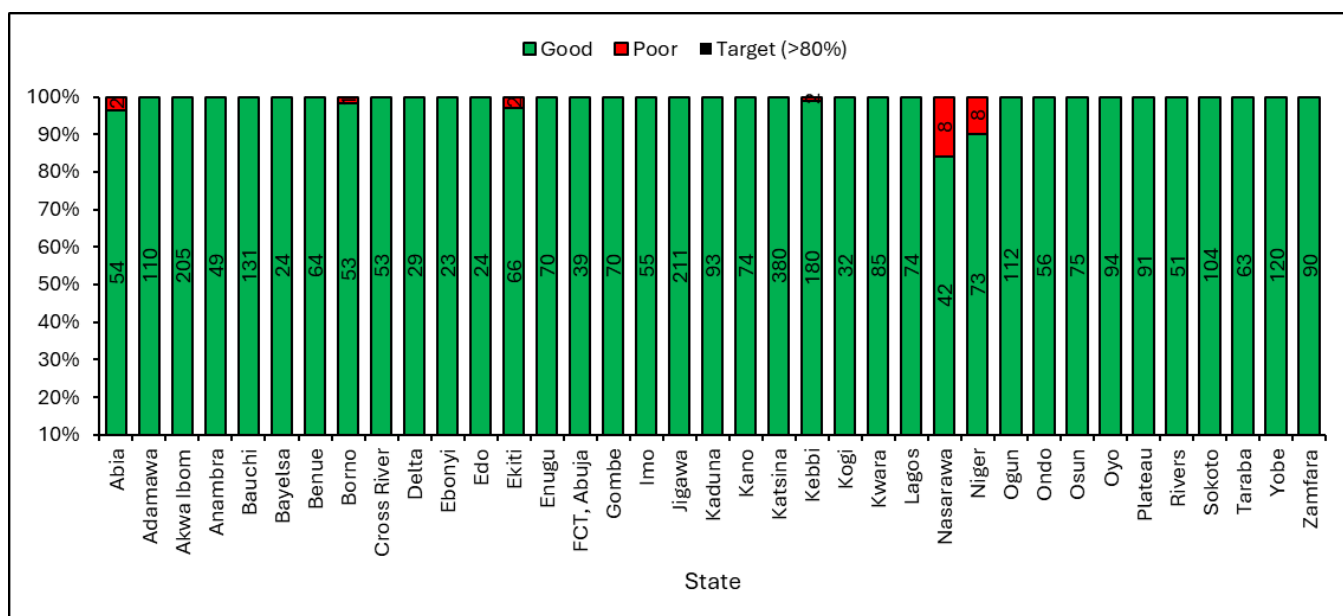


Figure 9: Proportion of measles samples getting to the lab in good condition, Feb, 2025

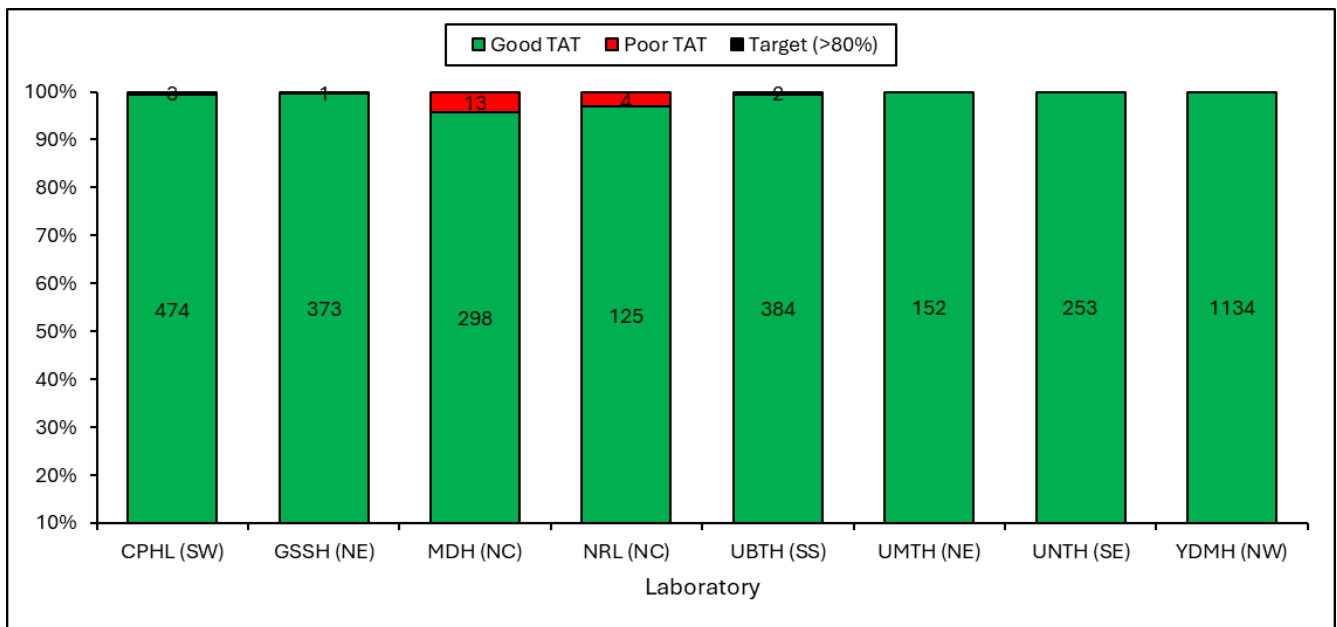


Figure 10: Proportion of measles samples with good turnaround time, Feb, 2025

Key Activities Conducted

Coordination:

- Measles Outbreak Response (MOBR) Capacity Building training in Yobe and Adamawa States
- Planning meeting on validation Measles Outbreak Preparedness and Response five years plan workshop (2025 to 2030)
- Continuous planning meeting on the ongoing Measles Outbreak Response (MOBR) Capacity Building Project.
- National Measles TWG closely monitoring measles surveillance data and providing feedback to relevant agencies and development partners.
- Virtual biweekly measles TWG meetings – via zoom.
- Monthly surveillance data review.
- Weekly surveillance and laboratory data harmonization ongoing.

Laboratory:

- Planning meeting on measles molecular testing training
- Testing of samples ongoing in the eight Reference Laboratories across the country.
- Weekly harmonisation of laboratory results from across the laboratories ongoing.
- Weekly feedback of key performance indicators to measles laboratories.

Challenges

- Delay in reporting cases into the SORMAS database from states/LGAs
- Delay in accessing case-based data for analysis

Next Steps

- Stepdown the Measles Outbreak Response Capacity Building Training to state level in eight (8) states
- Follow up with states in outbreak for ongoing response activities and challenges in the various states
- Follow up with states (State Epids and SSO) and measles reference laboratories on using SORMAS in timely collecting and transmitting surveillance and laboratory data respectively.
- Weekly measles surveillance data review.
- Weekly/monthly tracking of surveillance and laboratory performance indicators and feedback.
- Virtual biweekly measles TWG meetings for timely review of measles surveillance data and feedback.