

MEASLES SITUATION REPORT

Serial Number 10

Data as at October 30th 2020



HIGHLIGHTS

■ In October, 2020:

- Oyo (14), Ekiti (12), Anamra (12), Borno (12), Lagos (11), Osun (10) and Kebbu (10) accounted for 60.0% of the 135 suspected cases reported
- Seventeen (12.6%) were confirmed (16 lab confirmed & 1 clinically compatible), 53 (39.3%) were discarded and 65 (48.1%) are pending classification
- No new LGA reported a confirmed case and no death was recorded among confirmed cases

■ From January – October, 2020:

- Katsina (1,760), Sokoto (1,227), Yobe (1,201), Zamfara (1,102), Adamawa (749) and Kebbi (739) accounted for 47.8% of the 14,194 suspected cases reported
- 9,224 (65.0%) were confirmed (2,427 lab confirmed 1,501 epi-linked and 5,296 clinically compatible), 4,389 (30.9%) were discarded and 581 (4.1%) were pending classification
- The agegroup 9 - 59 months accounted for 58.8% of all confirmed cases
- A total of 55 deaths (CFR = 0.6%) were recorded among confirmed cases
- Up to 5,395 (58.5%) of the confirmed cases did not receive any dose of measles vaccination (zero dose)

■ Measles outbreaks from Jan – Oct, 2020:

- Ijero LGA in Ekiti State recorded a new outbreak in this reporting month
- Of the 221 LGAs with reported outbreak this year, eight LGAs across six states had an ongoing outbreak in October

SITUATION UPDATES

Total (New in this month)

SUSPECTED CASES

14,194 (135)

States With Suspected Cases

36 + FCT

LGAs with Suspected Cases

723 (1)

CONFIRMED CASES

9,224 (17)

States with Confirmed Cases

36 + FCT

LGAs with Confirmed Cases

598 (0)

DEATHS AMONG CONFIRMED CASES

55 (0)

MEASLES OUTBREAKS

214 (1)

States with Measles Outbreaks

32 + FCT (0)

LGAs with Measles Outbreaks

221 (1)



World Health Organization



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Table 1: Distribution of key measles surveillance variables by states, Jan – Oct, 2020

States	# Suspected cases	# Confirmed cases (%)	Classification of confirmed cases			% of confirmed cases aged 9-59 months	% of confirmed cases that are “zero dose”
			Lab. confirmed	Epi. linked	Clin. Compatible		
NORTH	10,420	8,461 (81.2%)	1,700	1,501	5,260	60.2%	61.4%
Adamawa	749	515 (68.8%)	237	227	51	35.9%	49.9%
Bauchi	600	574 (95.7%)	12	0	562	58.9%	0.2%
Benue	83	26 (31.3%)	24	0	2	46.2%	96.2%
Borno	675	556 (82.4%)	92	49	415	56.7%	69.2%
FCT	40	20 (50.0%)	15	0	5	30.0%	95.0%
Gombe	260	184 (70.8%)	36	115	33	51.6%	82.1%
Jigawa	608	358 (58.9%)	181	0	177	53.1%	75.7%
Kaduna	228	180 (78.9%)	63	0	117	53.3%	76.1%
Kano	260	221 (85.0%)	44	0	177	81.4%	96.8%
Katsina	1,760	1,591 (90.4%)	241	694	656	66.2%	28.6%
Kebbi	739	429 (58.1%)	195	0	234	46.2%	91.8%
Kogi	131	60 (45.8%)	54	0	6	41.7%	76.7%
Kwara	108	46 (42.6%)	40	0	6	32.6%	71.7%
Nasarawa	127	55 (43.3%)	26	22	7	50.9%	61.8%
Niger	269	185 (68.8%)	124	29	32	59.5%	97.8%
Plateau	130	69 (53.1%)	22	16	31	20.3%	85.5%
Sokoto	1,227	1,179 (96.1%)	55	0	1124	65.1%	94.3%
Taraba	123	54 (43.9%)	54	0	0	24.1%	3.7%
Yobe	1,201	1,098 (91.4%)	152	349	597	58.8%	58.4%
Zamfara	1,102	1,061 (96.3%)	33	0	1,028	76.1%	73.6%
SOUTH	3,774	763 (20.2%)	727	0	36	43.4%	25.8%
Abia	199	46 (23.1%)	44	0	2	28.3%	21.7%
Akwa Ibom	165	56 (33.9%)	53	0	3	44.6%	60.7%
Anambra	205	23 (11.2%)	21	0	2	34.8%	47.8%
Bayelsa	152	40 (26.3%)	38	0	2	60.0%	67.5%
Cross River	150	30 (20.0%)	28	0	2	30.0%	33.3%
Delta	267	75 (28.1%)	74	0	1	61.3%	68.0%
Ebonyi	83	19 (22.9%)	19	0	0	47.4%	73.7%
Edo	94	16 (17.0%)	14	0	2	50.0%	18.8%
Ekiti	414	42 (10.1%)	37	0	5	16.7%	0.0%
Enugu	256	27 (10.5%)	26	0	1	48.1%	7.4%
Imo	185	27 (14.6%)	27	0	0	37.0%	51.9%
Lagos	270	21 (7.8%)	21	0	0	52.4%	0.0%
Ogun	239	85 (35.6%)	79	0	6	50.6%	0.0%
Ondo	137	23 (16.8%)	22	0	1	30.4%	0.0%
Osun	420	93 (22.1%)	91	0	2	44.1%	0.0%
Oyo	349	97 (27.8%)	93	0	4	40.2%	0.0%
Rivers	189	43 (22.8%)	40	0	3	41.9%	48.8%
NATIONAL	14,194	9,224 (65.0%)	2,427	1,501	5,296	58.8%	58.5%

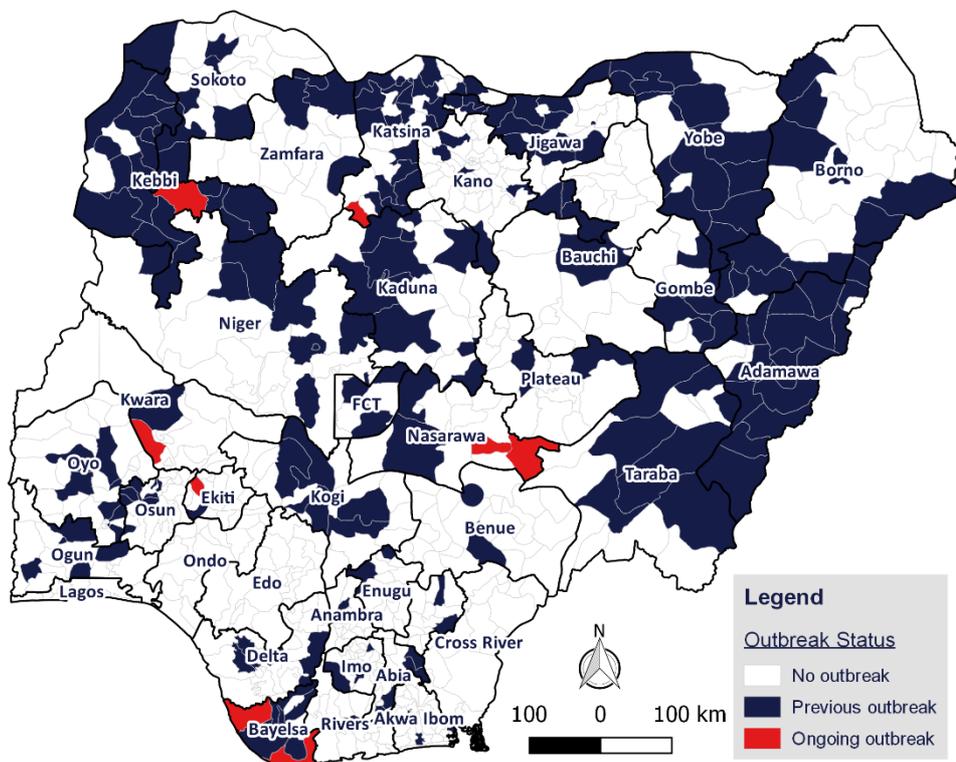


Figure 1: Distribution of LGAs with measles outbreak in Nigeria, Jan – Oct 2020

Table 2: Summary of key measles surveillance variables, Jan – Oct, 2018 – 2020

Description of Cases (<i>source: case-based data</i>)	2018 (Jan – Oct)	2019 (Jan – Oct)	2020 (Jan – Oct)
# of suspected cases	12,299	36,193	14,194
• Number of LGAs with at least 1 suspected case	717	747	723
• Number of states with at least 1 suspected case	36 + FCT	36 + FCT	36 + FCT
# of suspected cases with blood collected	9,079	11,548	7,469
• Number of lab confirmed (IgM+)	1,177 (13.0%)	2,755 (23.9%)	2,427 (32.5%)
• Number of IgM- (Negative)	5,551 (61.1%)	8,432 (73.0%)	4,389 (58.8%)
• Number of IgM indeterminate	173 (1.9%)	259 (2.2%)	95 (1.3%)
• Number of samples not tested (not done)	57 (0.6%)	102 (0.9%)	7 (0.1%)
• Number of pending samples	2,121 (23.4%)	0	551 (7.4%)
# of confirmed cases	4,747	27,866	9,224
• Number of laboratory confirmed (IgM+)	1,177 (24.8%)	2755 (9.9%)	2427 (26.3%)
• Number of epidemiologically linked	1,023 (21.6%)	13869 (49.8%)	1501 (16.3%)
• Number of clinically compatible	2,547 (53.7%)	11242 (40.3%)	5296 (57.4%)
# of LGAs with at least 1 confirmed case	465	635	598
# of states with at least 1 confirmed case	36 + FCT	36 + FCT	36 + FCT
# of deaths among confirmed cases (CFR)	11 (0.2%)	152 (0.6%)	55 (0.6%)
# of measles outbreak (<i>source: lab data</i>)			
• # of LGAs with measles outbreak	100	192	229
• # of states with at least 1 LGA with measles outbreak	19	30 +FCT	32 + FCT

Table 3: Trend of measles surveillance performance indicators, Jan – Oct, 2018 – 2020

Surveillance Performance Indicator	Target	2018 (Jan – Oct)	2019 (Jan – Oct)	2020 (Jan – Oct)
Measles Incidence	< 1/million population	23.2	132.0	42.3
Non-measles febrile rash illness (NMFRI) rate	≥ 2/100,000 population	2.7	4.0	2.0
Proportion of reported measles cases from whom blood specimen was collected	≥ 80%	73.8%	31.9%	52.6%
Proportion of LGAs that reported at least 1 measles case with blood specimen collected	≥ 80%	90.8%	93.2%	89.4%
Annualized rate of investigation (with blood specimens) of suspected measles cases	> 1/100,000 population	5.3	6.6	4.1
Proportion of lab confirmed measles cases	< 10%	17.1%	24.1%	35.1%
Proportion of serum specimens arriving measles laboratory in good condition	≥ 90%	87.0%	98.3%	84.4%

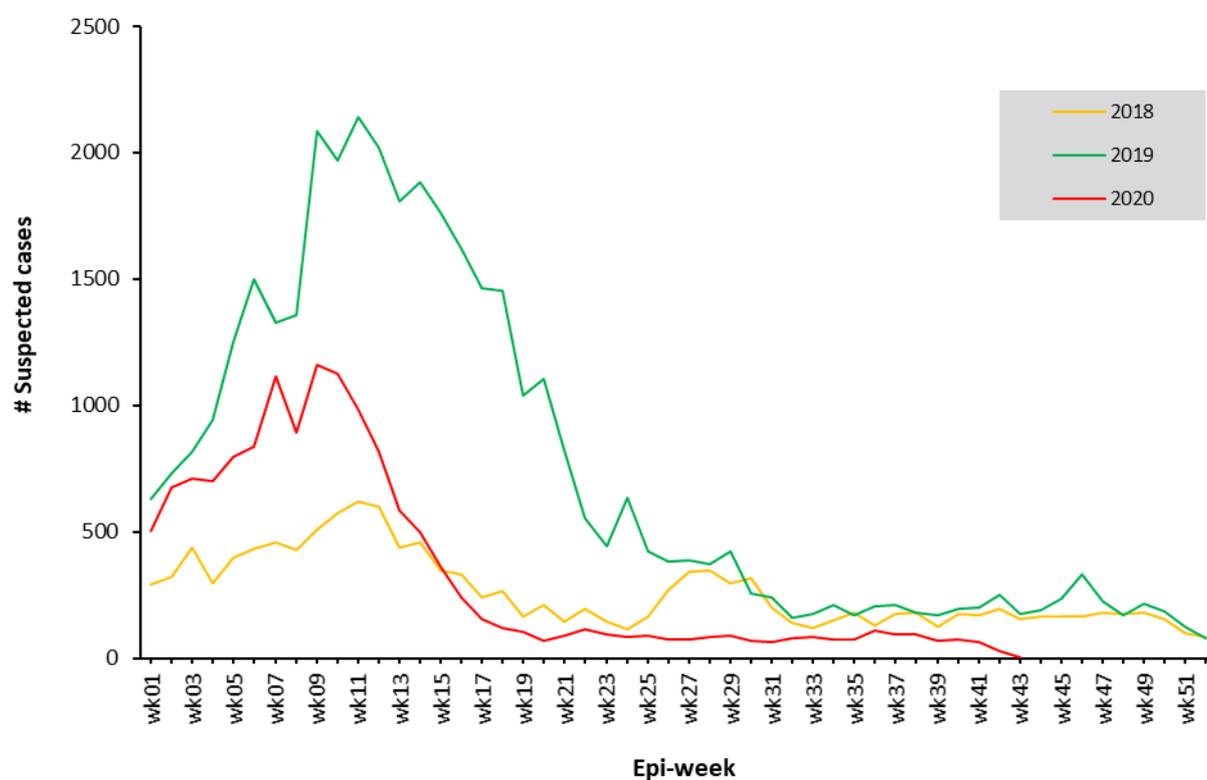


Figure 2: Trend of confirmed measles cases in Nigeria, 2018 – 2020 (epi-week 01 – 44)

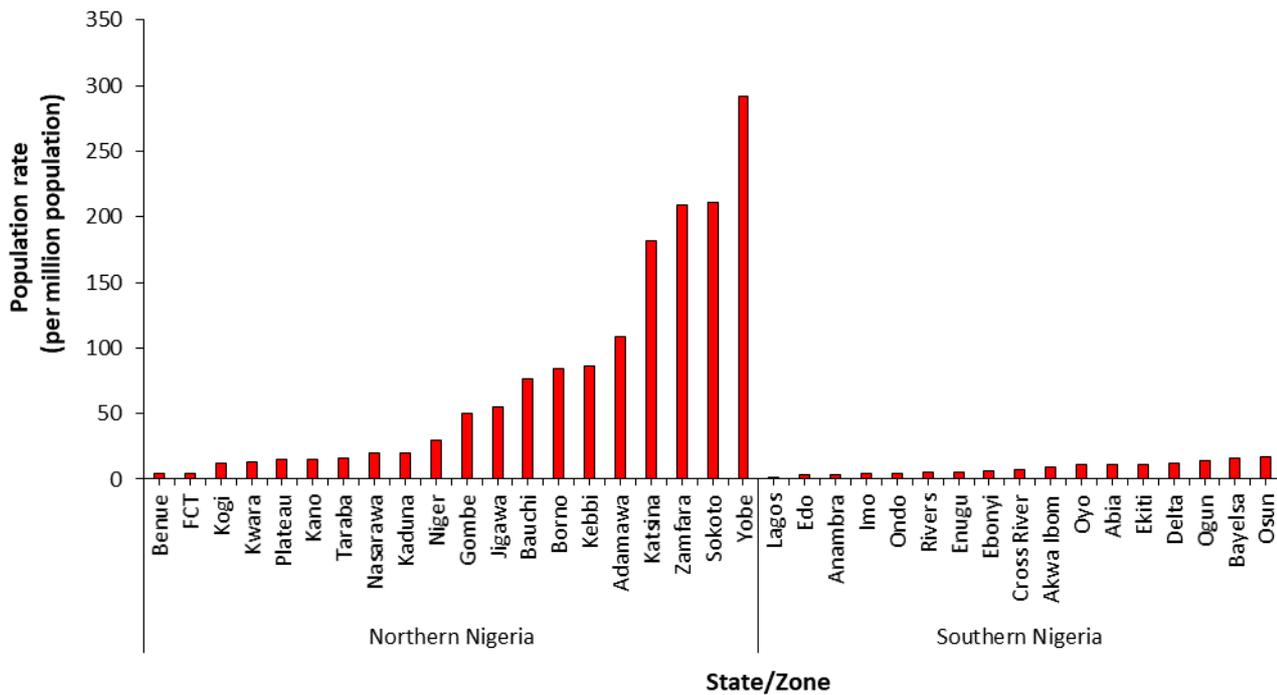


Figure 3: Population rate of confirmed measles cases in Nigeria (North and South), Jan – Oct, 2020

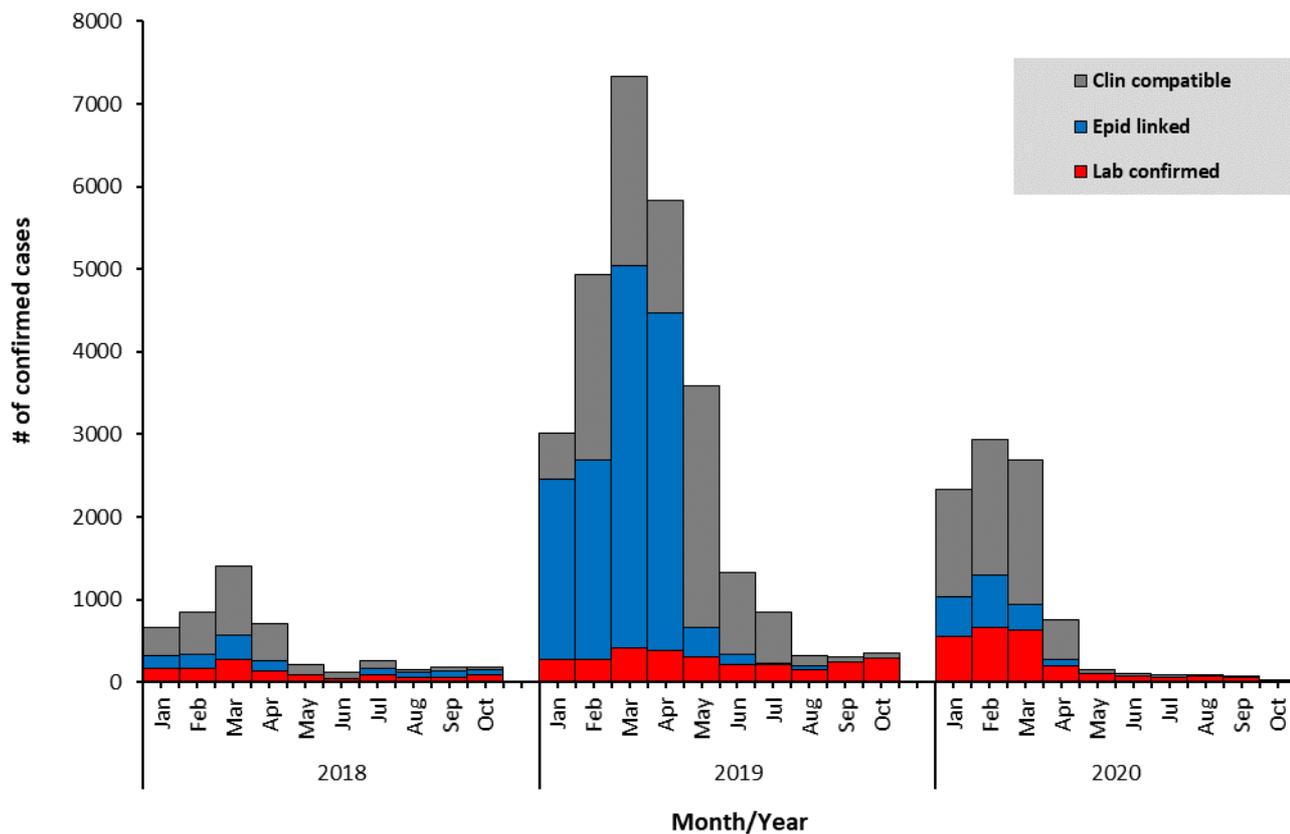


Figure 4: Epi-curve of confirmed measles cases in Nigeria, 2018 – 2020 (Jan – Oct)

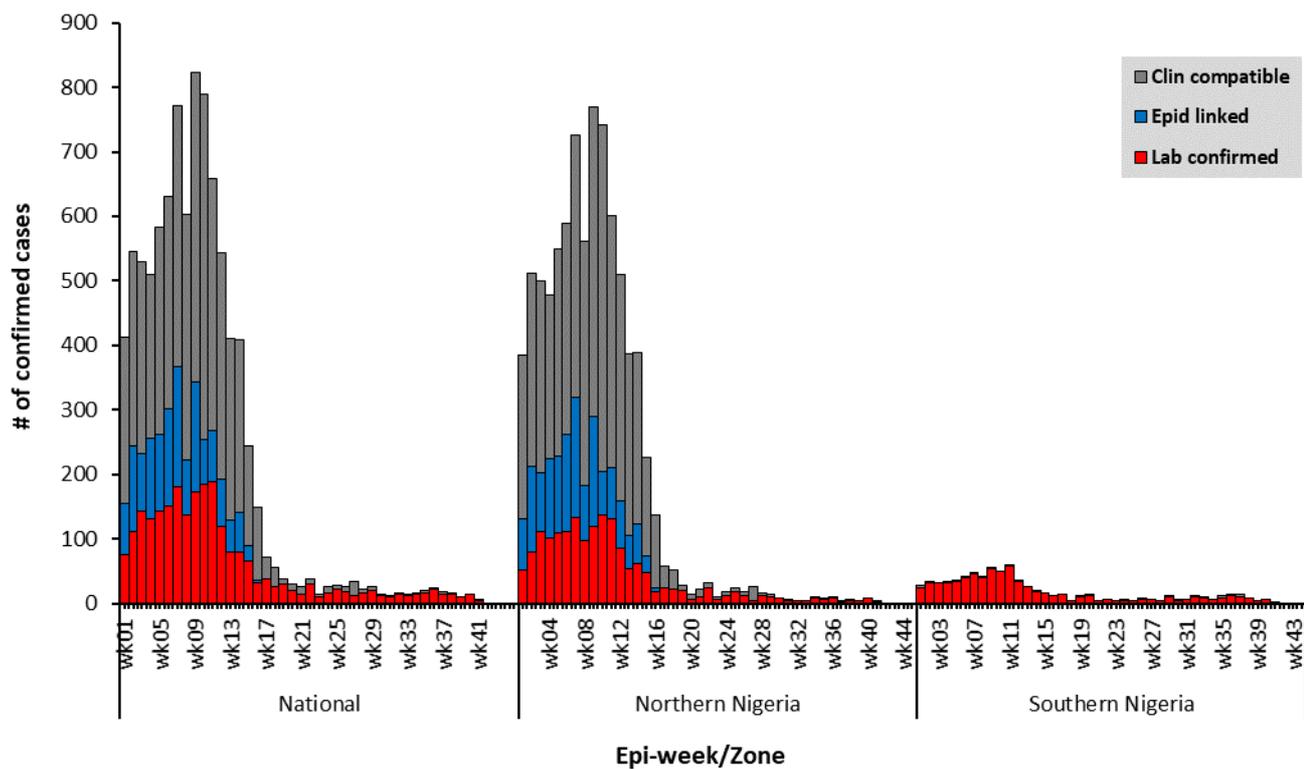


Figure 5: Epi-curve of confirmed measles cases in Nigeria (North and South), Jan – Oct, 2020

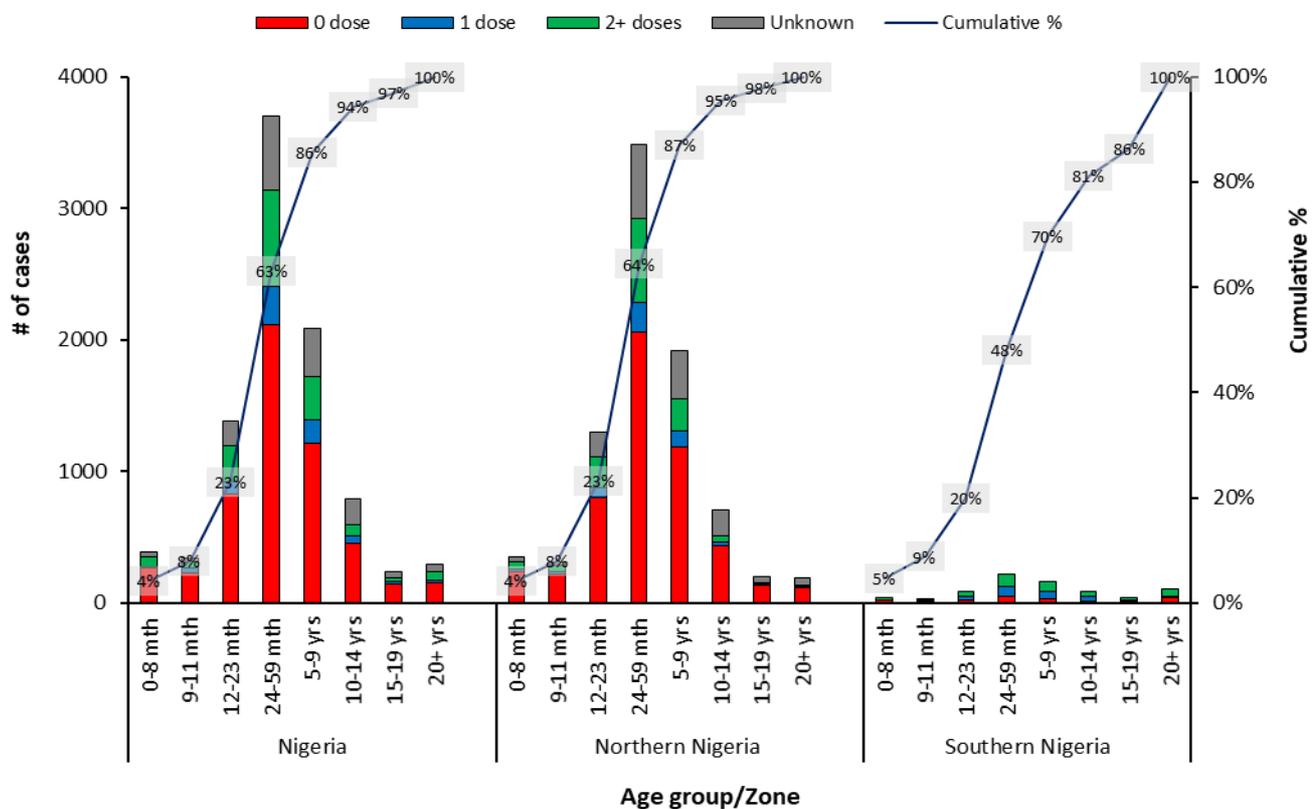


Figure 6: Vaccination status and age distribution confirmed measles cases in Nigeria (North and South), Jan – Oct, 2020

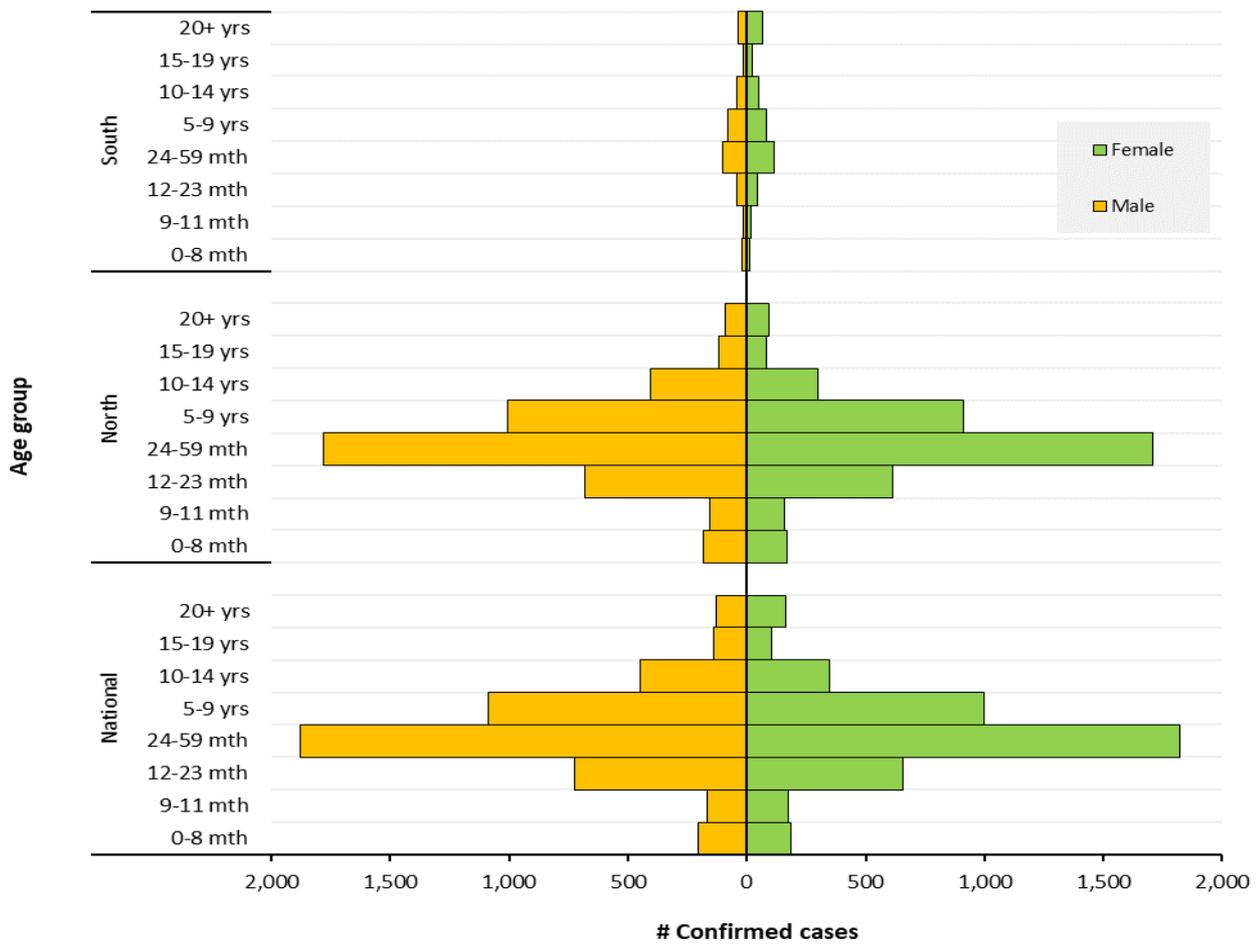


Figure 7: Age-sex distribution of confirmed measles cases in Nigeria (North and South), Jan – Oct, 2020

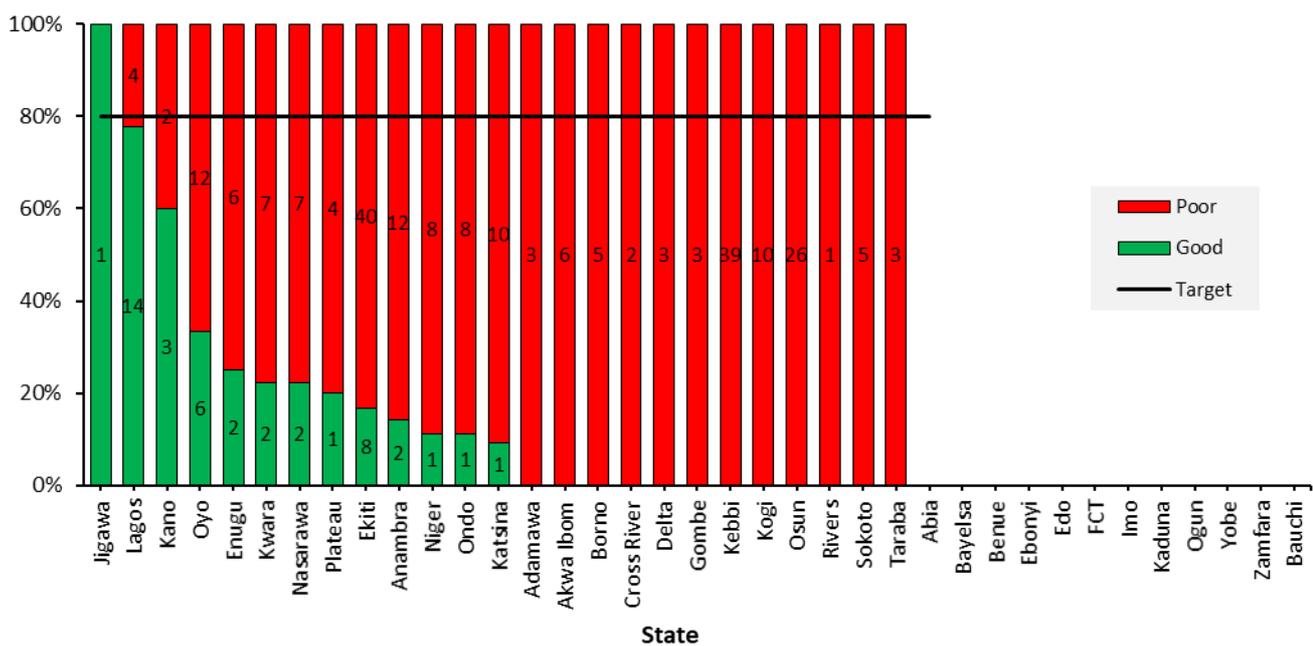


Figure 8: Proportion of measles samples reaching the lab in good time, October 2020

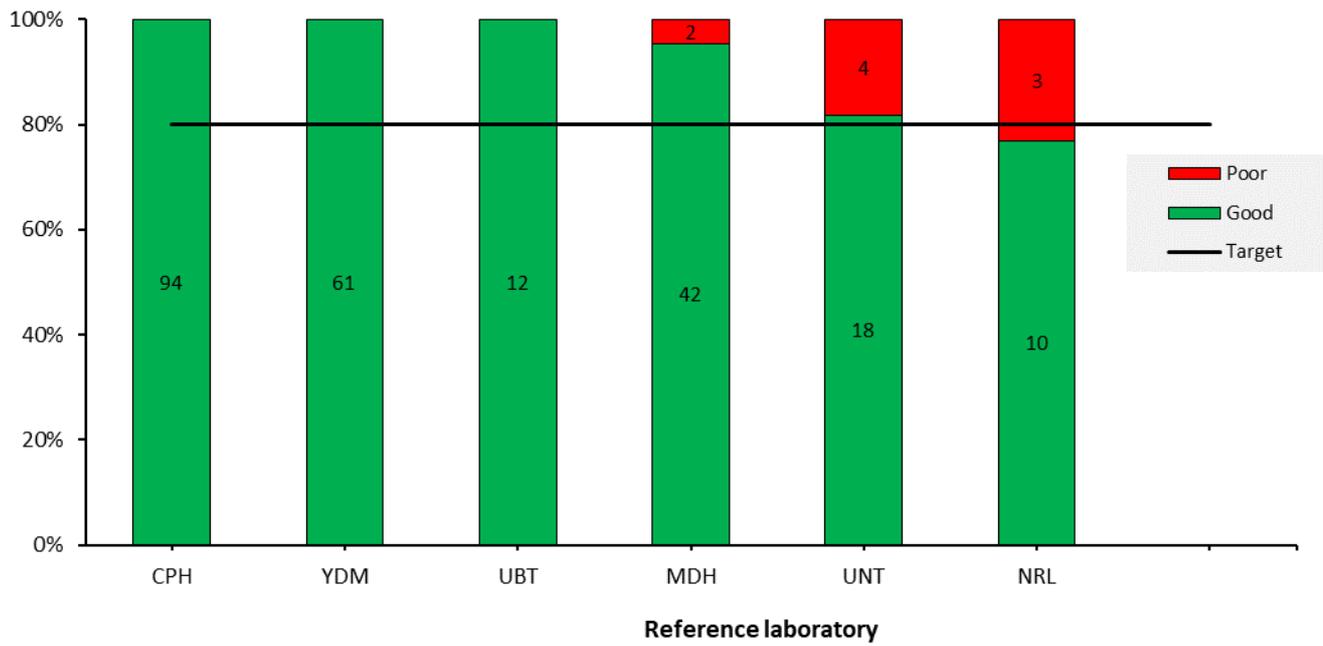


Figure 9: Proportion of measles samples with good turn around time, October 2020

