



MEASLES OUTBREAK SITUATION REPORT: No. 12	OUTBREAK START DATE: DECEMBER 13, 2021
REPORTING PERIOD: July 1-6, 2022	
REPORTING DATE: JULY 14, 2022	

HIGHLIGHTS

Situation Updates as of July 1-6, 2022

- Three hundred fifty-three (356) new cases reported from eleven (13) counties
- One new deaths reported from Montserrado County
- CFR: 1.1% (52/4,879)

Situation Context

Since the outbreak started on 13th December 2021, there has been:

- A total of **5,212** suspected cases reported from 52 health districts in 13 counties
- Montserrado County accounts for (2,967/5,212) 57% of all suspected cases reported
- Of the 5,212 suspected cases recorded, 4,879 were confirmed in the following categories:
 - Laboratory confirmed – (302/4,879) 6.2%
 - Clinically confirmed – (484/4,879) 10%
 - Epi linked – (4,127/4,879) 84.6%
- Vaccination status among confirmed cases:
 - Vaccinated – (2,227/4,879) 45.6%
 - Not vaccinated – (2,164/4,879) 44.4%
 - Unknown – (456/4,879) 9.3%
 - Not applicable* - (66/4,879) 1.4%
- Median age 6 (range: 1 month - 67 years)
- A total of fifty-two (52) deaths have been recorded (Montserrado-41, Grand Cape Mount-4, Bomi-3, Bong-2, Nimba-1, and Grand Bassa-1).

* Not applicable referred to people less than the vaccination age

Table 1: Confirmed Measles Cases by District & County, Liberia, 13th December 2021-6th July,2022

County	District	Cases	Deaths
Montserrado	Bushrod	1,211	12
	Commonwealth	565	9
	Somalia Drive	522	15
	Central Monrovia	319	1
	St. Paul	107	2
	Careysburg	67	0
	Todee	122	2
Bong	Zota	36	2
	Panta	19	0
	Salala	51	0
	Suakoko	58	0
	Jorquelleh	15	0
Margibi	Firestone	98	0
	Kakata	153	0
	Mamba Kaba	72	0
	Gibi	80	0
Nimba	Saclepea-Mah	101	0
	Sanniquellie-Mah	183	0
	Gbehlay Geh	42	0
	Yarwin Mehnsonnoh	57	0
	Zoe-Geh	133	0
	Tappita	23	1
Maryland	Harper	76	0
	Pleebo	47	0
Lofa	Voinjama	80	0
	Salayea	32	0
	Zorzor	17	0
	Foya	12	0

Grand Cape Mount	Gola Konneh	34	2
	Tewor	6	0
	Gawula	14	2
Bomi	Klay	17	0
	Dowein	11	0
	Senjeh	22	3
	Suehn Mecca	6	0
Grand Bassa	District #2	9	0
	District #1	72	1
	District #3 A&B	44	0
	Buchanan	153	0
	Owensgrove	23	0
	District #4	16	0
	District #3 C	3	0
Grand Kru	Trehn	12	0
Rivercess	Jo-River	5	0
	Central C	11	0
Gbarpolu	Belle	7	0
	Kongba	6	0
Sinoe	Gblonee	44	0
	Jedepo	20	0
Grand Gedeh	Tchien	32	0
	Konobo	8	0
	Gbao	6	0
Total	52	4,879	52

Table 2: Measles Cases by County & Epi classification, Liberia, 13 December, 2021- 6th July 2022

County	Reporting week (July 1-6, 2022)	Cumulative (Week 50, 2021 - Week 23, 2022)	Death	CFR (%)	Negative	Lab	Epi-linked	Clinically compatible	Outbreak status
Montserrado	229	2,967	41	1.4	54	107	2,609	156	Ongoing
Nimba	10	567	1	0.1	28	34	462	42	Ongoing
Margibi	22	430	0	0.0	27	33	357	13	Ongoing
Grand Bassa	5	345	1	0.2	24	21	203	96	Ongoing
Lofa	5	197	0	0.0	56	25	80	36	Ongoing
Bong	49	221	2	4.4	9	12	179	19	Ongoing
Maryland	11	125	0	0.0	2	18	88	17	Ongoing
Grand Gedeh	10	91	0	0.0	45	13	22	11	Ongoing
Sinoe	1	69	0	0.0	5	3	26	35	Ongoing
Bomi	5	71	3	1.6	15	22	11	20	Ongoing
Grand Cape Mount	0	67	4	5.9	13	9	18	23	Ongoing
Grand Kru	2	22	0	0.0	10	2	7	3	Ongoing
Gbarpolu	4	21	0	0.0	8	1	9	3	Ongoing
Rivercess	3	19	0	0.0	3	2	4	10	Ended
Total	356	5,212	52	12	299	302	4,075	484	

Table 3: Status of Measles Cases by County, Liberia, 13TH Dec, 2021- 6th July, 2022

County	Total Cases	Active	Recovery	Deaths	# of Districts
<i>Montserrado</i>	2,967	229	2,697	41	7/7
<i>Nimba</i>	567	10	556	1	6/6
<i>Margibi</i>	430	22	408	0	4/6
<i>Grand Bassa</i>	345	5	339	1	6/8
<i>Lofa</i>	197	5	192	0	3/6
<i>Bong</i>	221	46	173	2	3/9
<i>Maryland</i>	125	11	114	0	2/6
<i>Grand Gedeh</i>	91	3	88	0	3/6
<i>Sinoe</i>	69	1	68	0	2/10
<i>Bomi</i>	71	5	63	3	4/4
<i>Grand Cape Mount</i>	67	10	53	4	2/5
<i>Grand Kru</i>	22	2	20	0	1/5
<i>Gbarpolu</i>	21	4	17	0	1/5
<i>Rivercess</i>	19	3	16	0	1/6
Total	5,212	356	4,804	52	52/93

OUTBREAK OF MEASLES CASES BY HEALTH DISTRICT (DECEMBER 13 2021 - 03, JULY 2022)

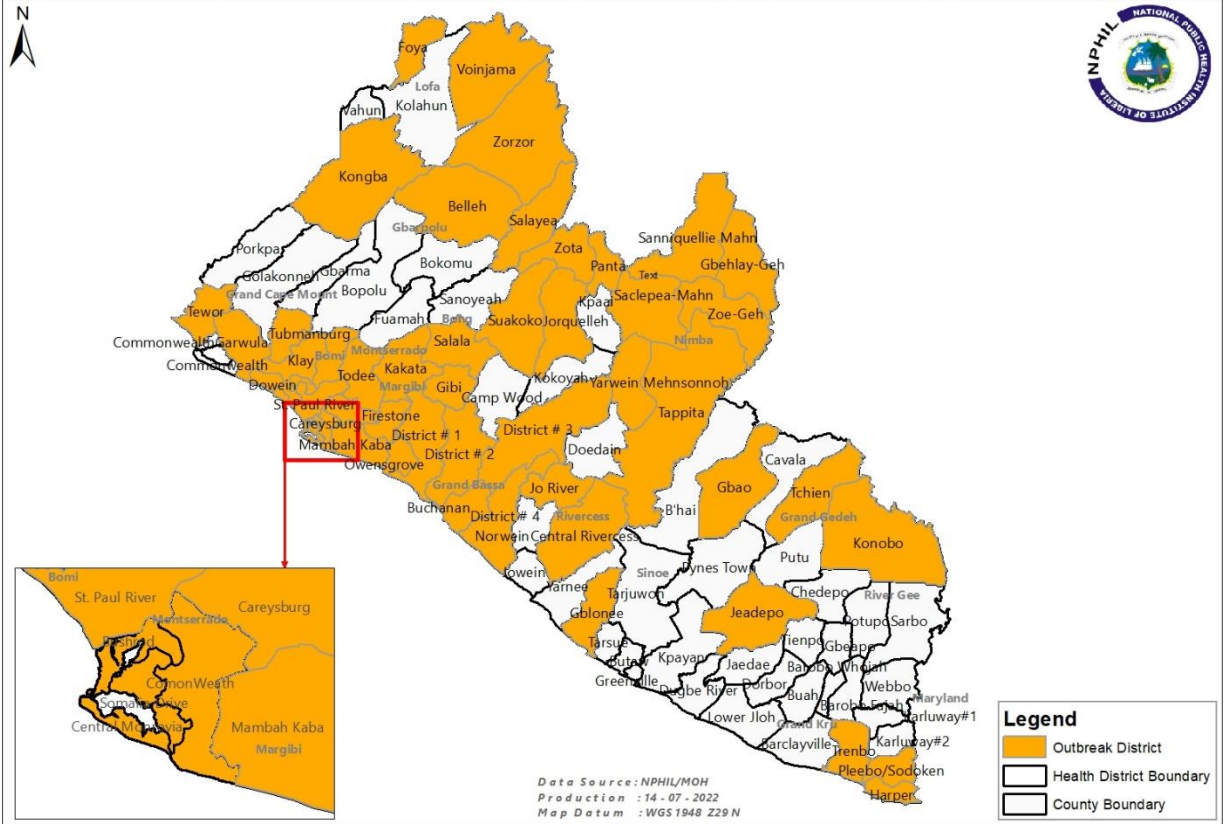


Figure 1: Distribution of Measles Cases in Liberia

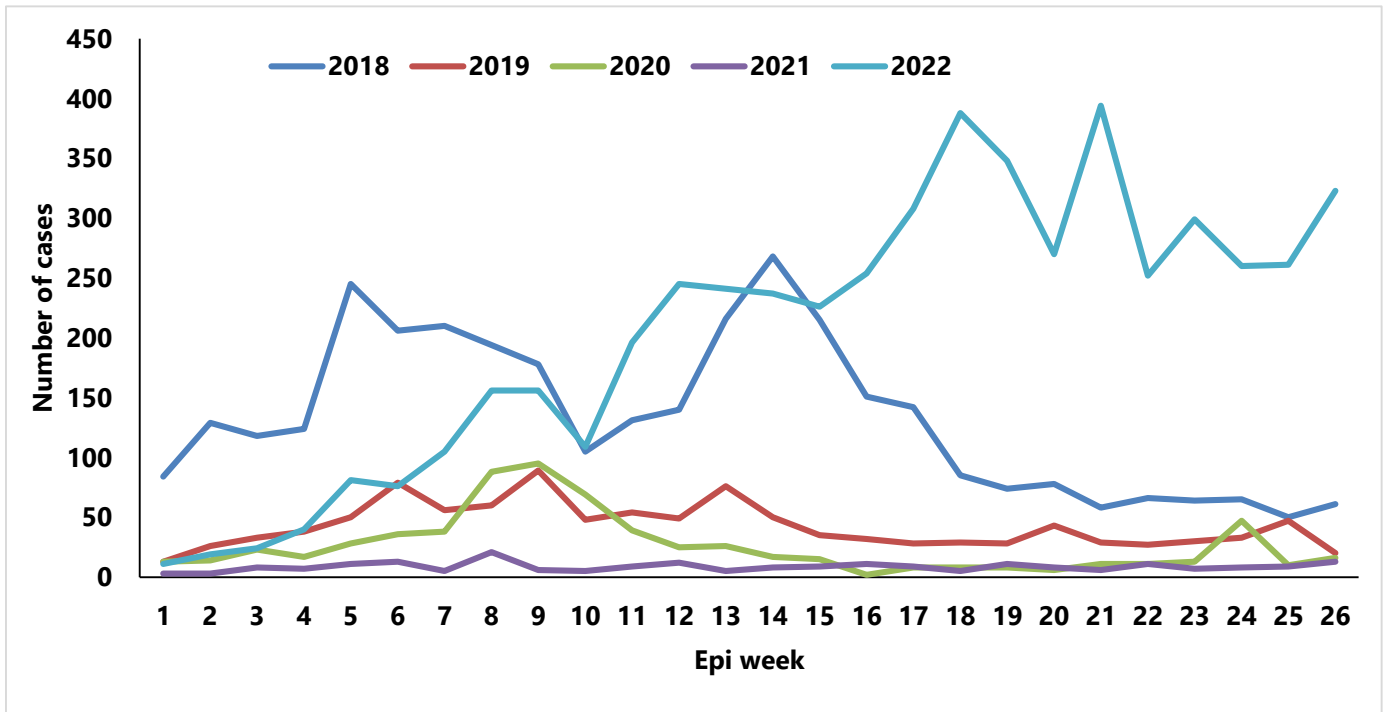


Figure 2: Trend of Measles Cases in Liberia, Epi week 1-26, 2018-2022

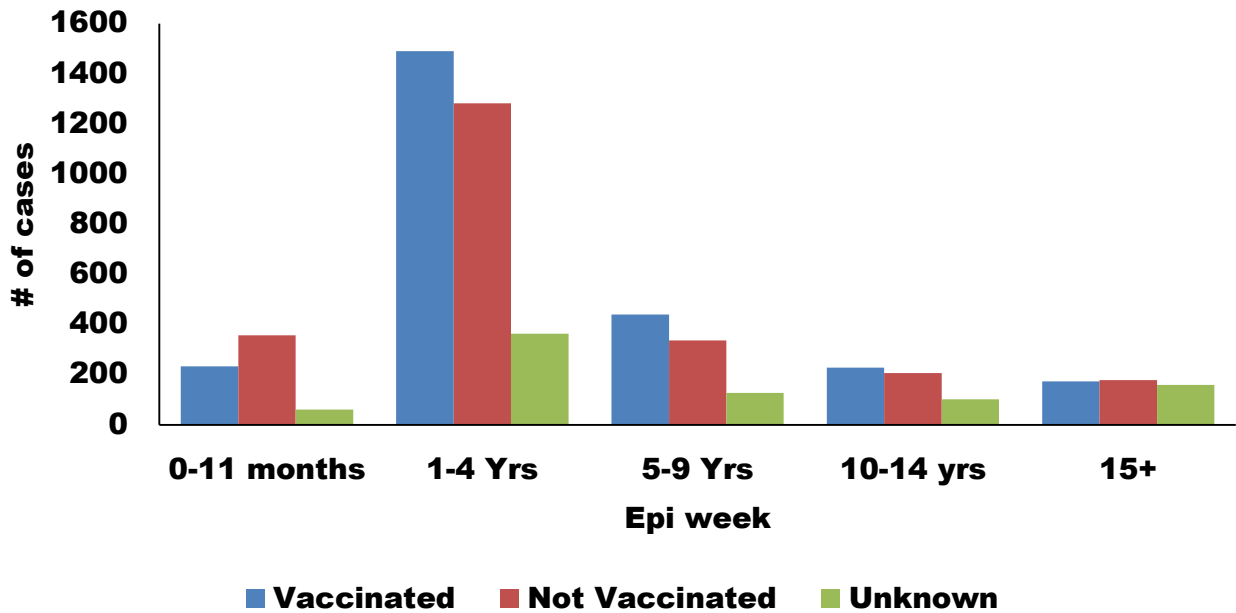


Figure 3: Vaccination status of confirmed Measles cases by Age group, Liberia, 13TH December, 2021- 3rd July, 2022

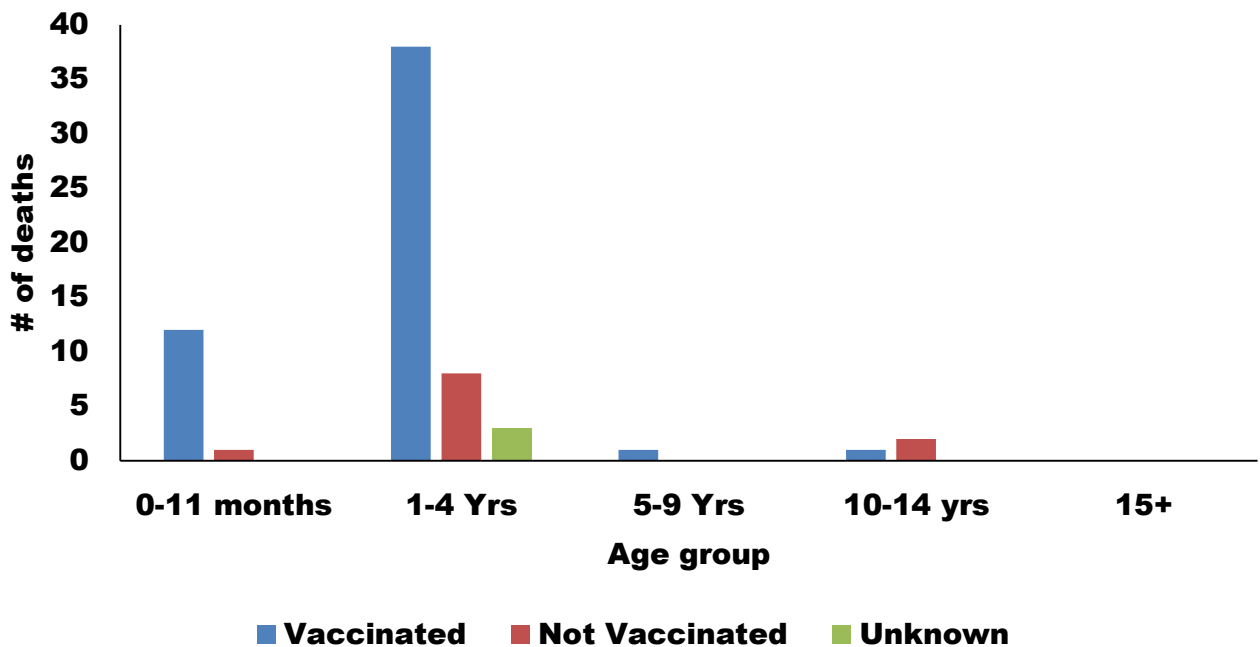


Figure 4: Measles deaths by Age group and Vaccination Status, Liberia, 13th December 2021-3rd July, 2022

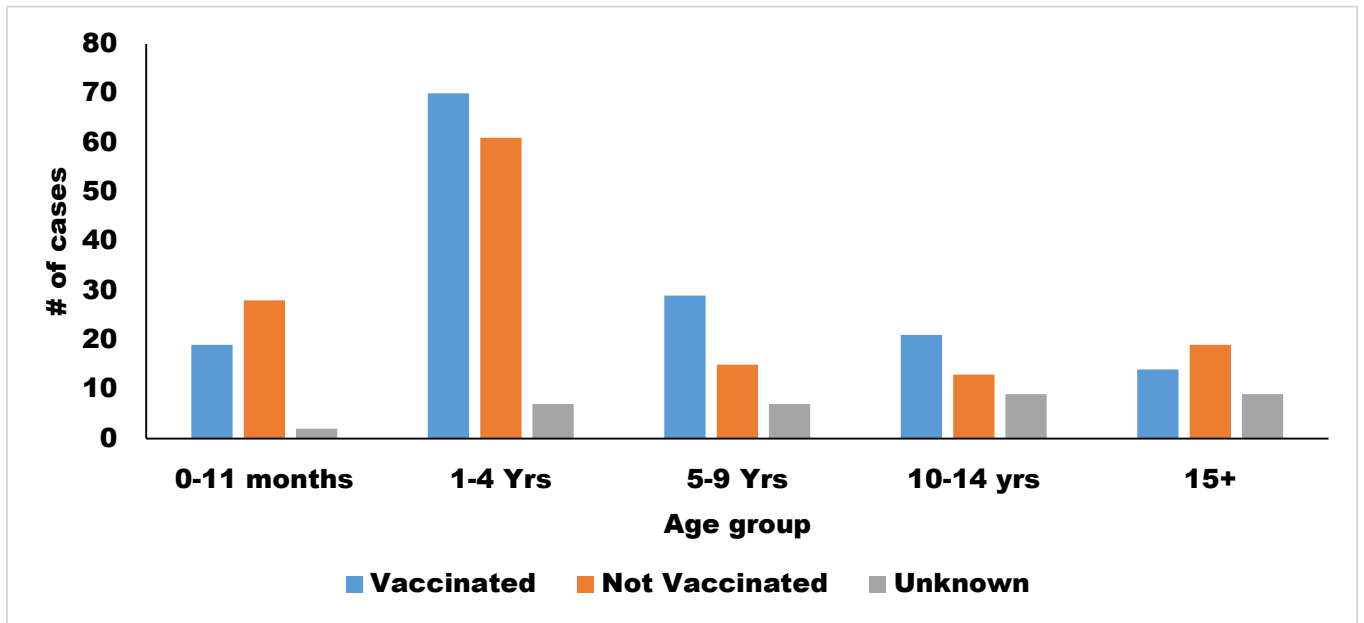


Figure 6: Vaccination status of Measles cases by Age group, Liberia, 13th December, 2021-3rd July 2022

PUBLIC HEALTH RESPONSE

I. Coordination

- Ongoing monitoring of measles surveillance data with provision of feedback to relevant stakeholders and developmental partners

II. Epidemiological Surveillance

- Active case search and line listing of cases ongoing

III. Case management

- Isolation of cases ongoing

IV. Immunization

- Completed phase 1 of the nation-wide immunization campaign in all 15 counties

V. Laboratory

- Three hundred twenty-seven (368) cases have been confirmed by laboratory from 52 health districts in 14 counties
- Lack of specimen collection kit in Grand Cape Mount County

VI. Risk Communication and Community Engagement

- Airing of measles prevention and control messages ongoing (Rivercess and Lofa) counties
- Radio talk show hosted by CSO on prevention and control of measles (Bomi County)
 - All parents were encouraged to report measles cases to the CHWs or nearest health facility (Bomi County)

VII. Challenges

- Lacked of essential medications and medical supplies for case management
- No support for surveillance team for field work
- Delay lab result from NPHRL

Next steps

- NPHIL/partners to procure essential drugs for case management
- Develop national Measles preparedness and response guide.
- Develop and validate national Measles and Rubella Surveillance guide.
- Develop and validate Measles SOP.
- Continue social mobilization

For comments or questions, please contact

Ralph W. Jetoh, MD, MPH

Director

Infectious Disease and Epidemiology Division
National Public Health Institute of Liberia
Republic of Liberia

Email: ralphica2000@gmail.com

Phone: +231 886526388/777372655

Website: www.nphil.gov.lr

Sumor L. Flomo, MPH

Epidemiologist, Measles Focal Person
InfectiousDiseaseandEpidemiology Division
National Public Health Institute of Liberia
Republicof Liberia

Email: sumorflomo@gmail.com

Phone: +231 886517116/778499349