



MEASLES OUTBREAK SITUATION REPORT: No. 16	OUTBREAK START DATE: DECEMBER 13, 2021
REPORTING PERIOD: 25th July – 3rd August, 2022	
REPORTING DATE: August 8, 2022	

HIGHLIGHTS

Situation Updates as of 25th July- 3rd August, 2022

- One hundred twenty-five (125) new cases reported from ten (10) counties
- Two new deaths reported from Montserrado County
- CFR: 1.3% (74/5,836)

Situation Context

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

- A total of **6,238** suspected cases reported from 62 health districts in 15 counties
- Montserrado County accounts for 56% (3,484/6,236) of all suspected cases reported
- Of the 6,238 suspected cases recorded, 5,836 were confirmed in the following categories:
 - Laboratory confirmed– 5.6% (372/5,836)
 - Clinically confirmed – 8.6% (503/5,836)
 - Epi linked – 85.0% (4,961/5,836)
- Vaccination status among confirmed cases:
 - Vaccinated – 44.2% (2,578/5,836)
 - Not vaccinated – 44.6% (2,600/5,836)
 - Unknown – 9.7% (564/5,836)
 - Not applicable* - 1.6% (94/5,836)
- Median age 6 (range: 1 month - 67 years)
- A total of seven-four (74) deaths have been recorded (Montserrado-62, Bomi-4, Grand Cape Mount-3, Bong-2, Nimba-1, Grand Bassa-1, and Rivercess-1).

* Not applicable referred to people less than the vaccination age

Table 1: Confirmed Measles Cases by District & County, Liberia, 13th December 2021-31st July 2022

County	District	Cases	Deaths
Montserrado	Bushrod	1,422	16
	Commonwealth	634	12
	Somalia Drive	667	29
	Central Monrovia	352	1
	St. Paul	139	2
	Careysburg	78	0
	Todee	145	2
Bong	Zota	41	2
	Panta	27	0
	Salala	75	0
	Suakoko	75	0
	Jorquelleh	15	0
Margibi	Firestone	110	0
	Kakata	199	0
	Mamba Kaba	102	0
	Gibi	82	0
Nimba	Saclepea-Mah	102	0
	Sanniquellie-Mah	195	0
	Gbehlay Geh	57	0
	Yarwin Mehnsonnoh	60	1
	Zoe-Geh	138	0
	Tappita	37	0
Maryland	Harper	96	0
	Pleebo	60	0
Lofa	Voinjama	85	0
	Salayea	34	0
	Zorzor	17	0
	Foya	12	0
Grand Cape Mount	Gola Konneh	39	2
	Tewor	6	0
	Garwula	16	1
	Commonwealth C	7	0
	Klay	21	1

Bomi	Dowein	11	0
	Senjeh	22	3
	Suehn Mecca	4	0
Grand Bassa	District #2	9	0
	District #1	72	1
	District # 3 A&B	94	0
	Buchanan	196	0
	Owensgrove	27	0
	District #4	29	0
	District #3 C	3	0
Grand Kru	Trehn	12	0
	Barclayville	6	0
River Gee	Chedepo	5	0
	Potupo	5	0
Rivercess	Jo-River	5	0
	Timbo	2	0
	Central C	15	1
Gbarpolu	Belle	7	0
	Gbarma	6	0
Sinoe	Gblonee	44	0
	Jedepo	28	0
	Dugbeh River	10	0
	Kpanyan	9	0
Grand Gedeh	Tchien	37	0
	Konobo	9	0
	Gbao	5	0
	Putu	9	0
	B'hai	10	0
Total	62	5,836	74

Table 2: Measles Cases by County & Epi classification, Liberia, 13 December, 2021- 3rd August 2022

County	Reporting week (July 25- Aug 3, 2022)	Cumulative (Week 50, 2021 - Week 30, 2022)	Death	CFR (%)	Negative	Lab	Epi- linked	Clinically compatible	Outbreak status
Montserrado	141	3,408	60	1.8	75	136	2,995	144	Ongoing
Nimba	5	613	1	0.2	29	34	511	38	Ongoing
Margibi	14	509	0	0.0	28	33	435	13	Ongoing
Grand Bassa	10	443	1	0.2	30	24	292	96	Ongoing
Lofa	1	205	0	0.0	57	25	86	37	Ongoing
Bong	0	276	2	0.7	10	12	233	19	Ongoing
Maryland	7	148	0	0.0	2	17	112	17	Ongoing
Grand Gedeh	4	133	0	0.0	69	22	22	20	Ongoing
Sinoe	1	107	0	0.0	16	12	25	53	Ongoing
Bomi	3	81	4	7.2	22	24	15	16	Ongoing
Grand Cape Mount	1	80	3	5.0	17	12	22	26	Ongoing
Grand Kru	0	33	0	0.0	16	5	6	6	Ongoing
Gbarpolu	0	22	0	0.0	10	3	5	4	Ongoing
Rivercess	3	32	1	0.0	10	6	7	8	Ongoing
River Gee	1	21	0	0.0	11	4	0	6	Ongoing
Total	191	6,111	72	15.1	402	369	4,766	503	

Table 3: Status of Measles Cases by County, Liberia, 13TH Dec, 2021-3rd August, 2022

County	Total Cases	Active	Recovery	Deaths	# of Districts
<i>Montserrado</i>	3,485	77	3,346	62	7/7
<i>Nimba</i>	618	5	612	1	6/6
<i>Margibi</i>	520	9	511	0	4/4
<i>Grand Bassa</i>	449	6	442	1	7/8
<i>Lofa</i>	206	1	205	0	4/6
<i>Bong</i>	281	5	274	2	5/9
<i>Maryland</i>	158	10	148	0	2/6
<i>Grand Gedeh</i>	139	6	133	0	5/6
<i>Sinoe</i>	107	0	107	0	4/10
<i>Bomi</i>	81	0	77	4	4/4
<i>Grand Cape Mount</i>	85	5	77	3	4/5
<i>Grand Kru</i>	34	1	33	0	2/5
<i>Gbarpolu</i>	22	0	22	0	2/5
<i>Rivercess</i>	32	0	31	1	3/6
<i>River Gee</i>	21	0	21	0	3/6
Total	6,238	125	6,039	74	62/93

OUTBREAK OF MEASLES CASES BY HEALTH, DISTRICT, LIBERIA, DECEMBER 13 2021 - 3, AUGUST, 2022

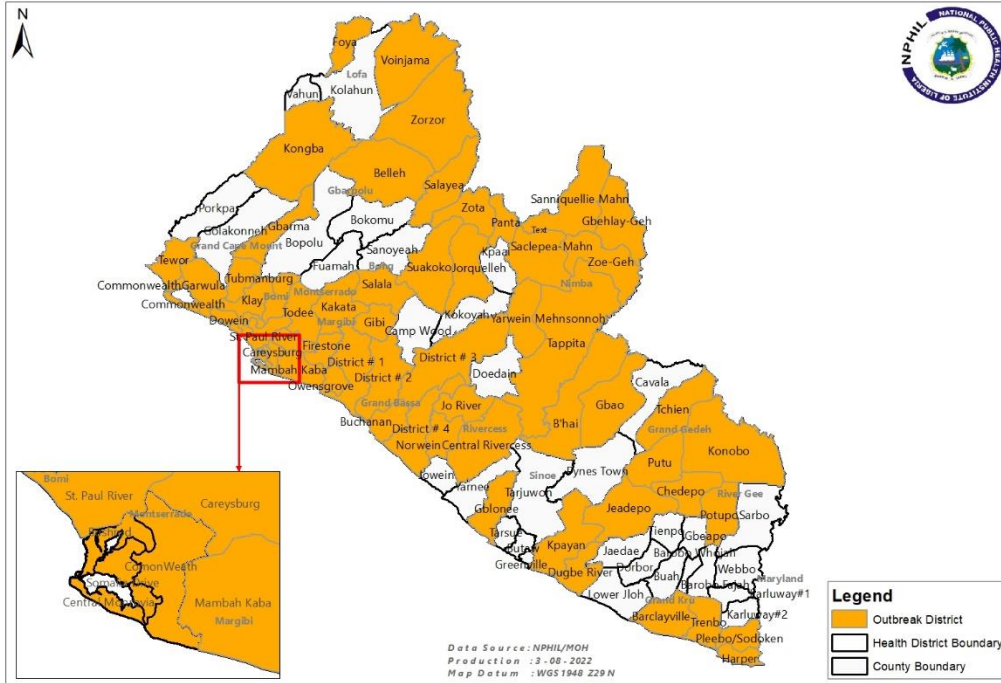


Figure 1: Distribution of Measles Cases in Liberia

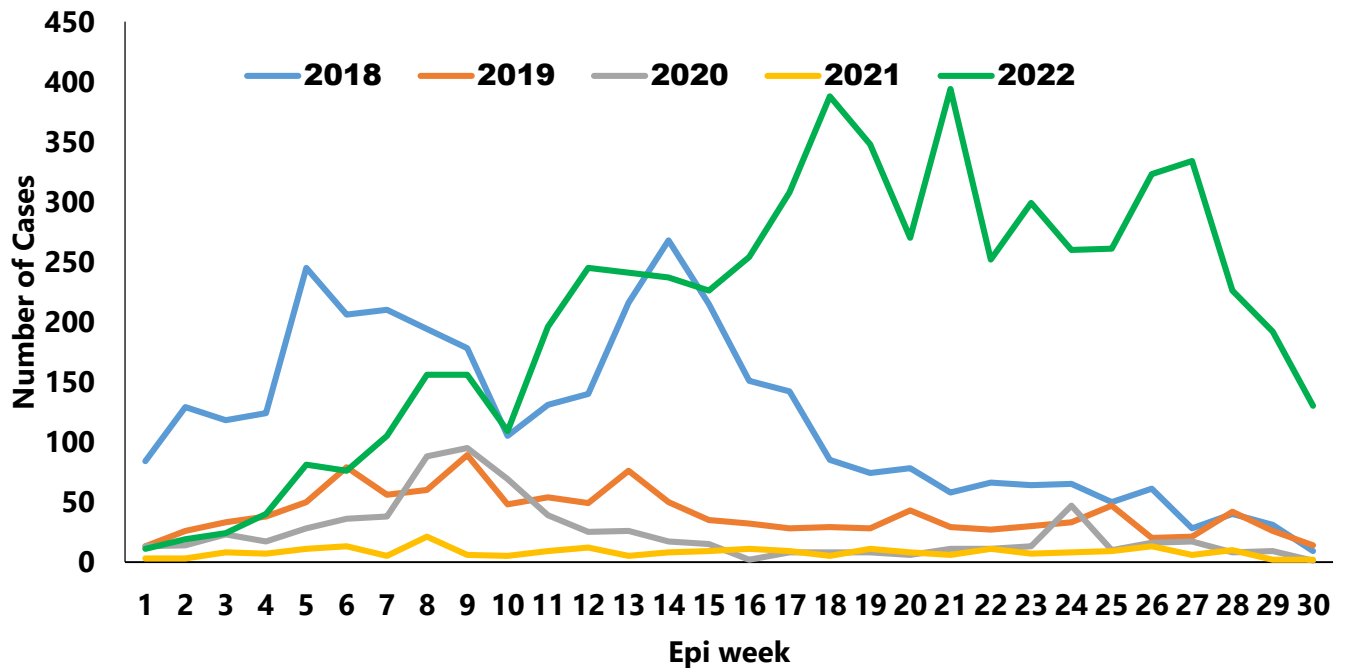


Figure 2: Trend of Measles Cases in Liberia, Epi week 1-30, 2018-2022

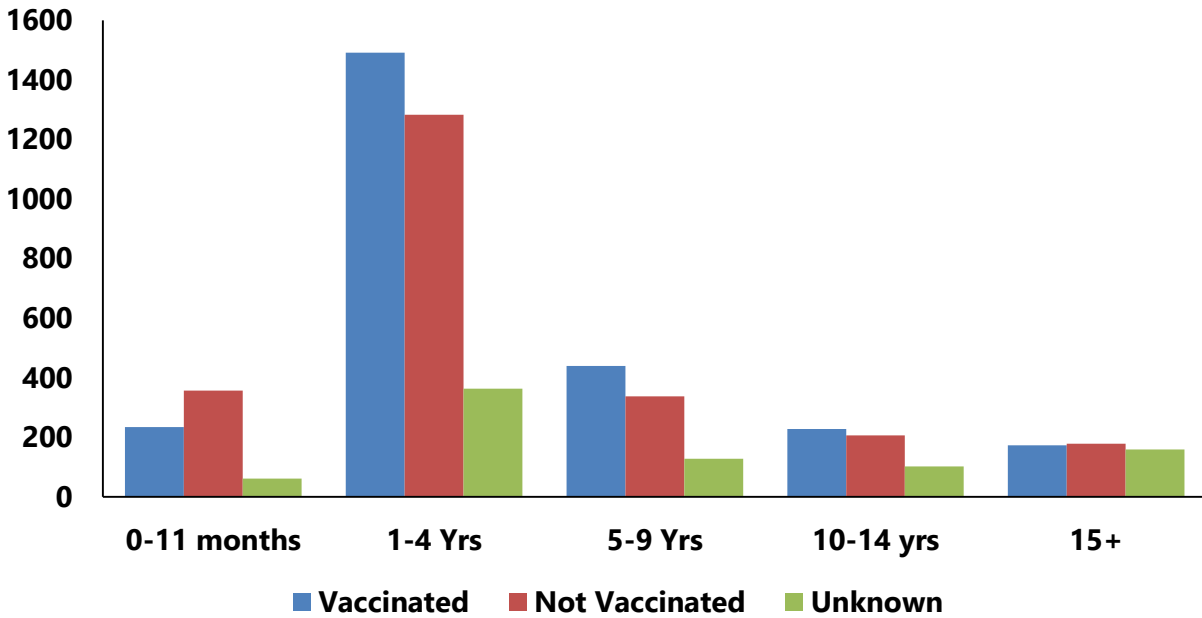


Figure3: Vaccination status of confirmed Measles cases by Age group, Liberia, 13TH December, 2021- 3rd August, 2022

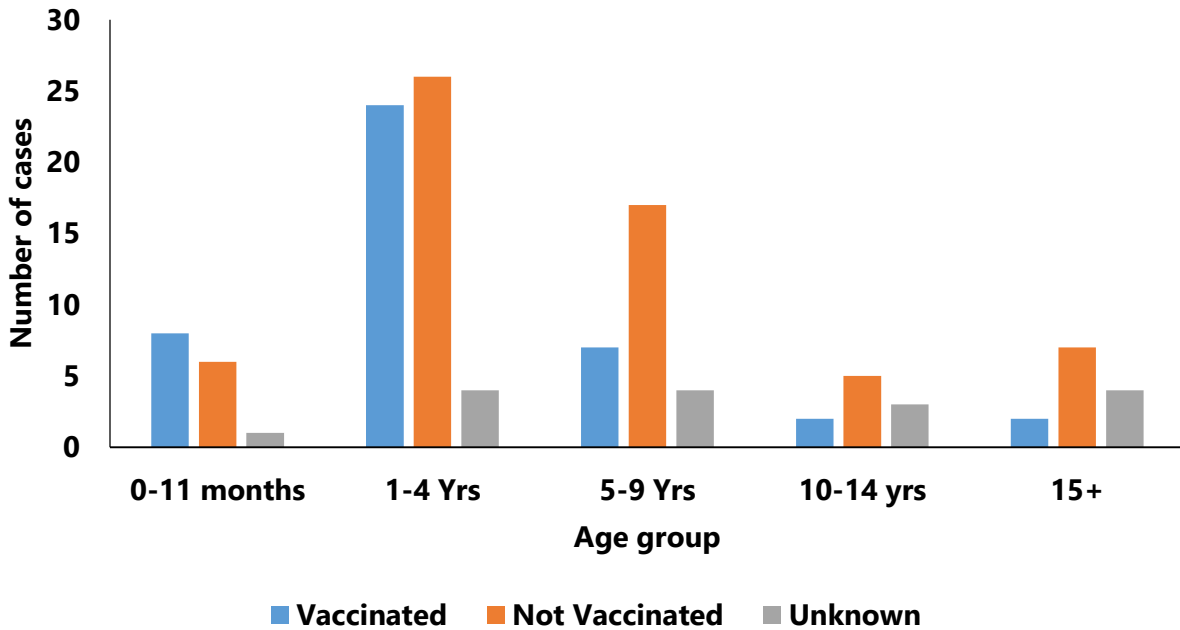


Figure 4: Measles deaths by Age group and Vaccination Status, Liberia, 13th December 2021-3rd August, 2022

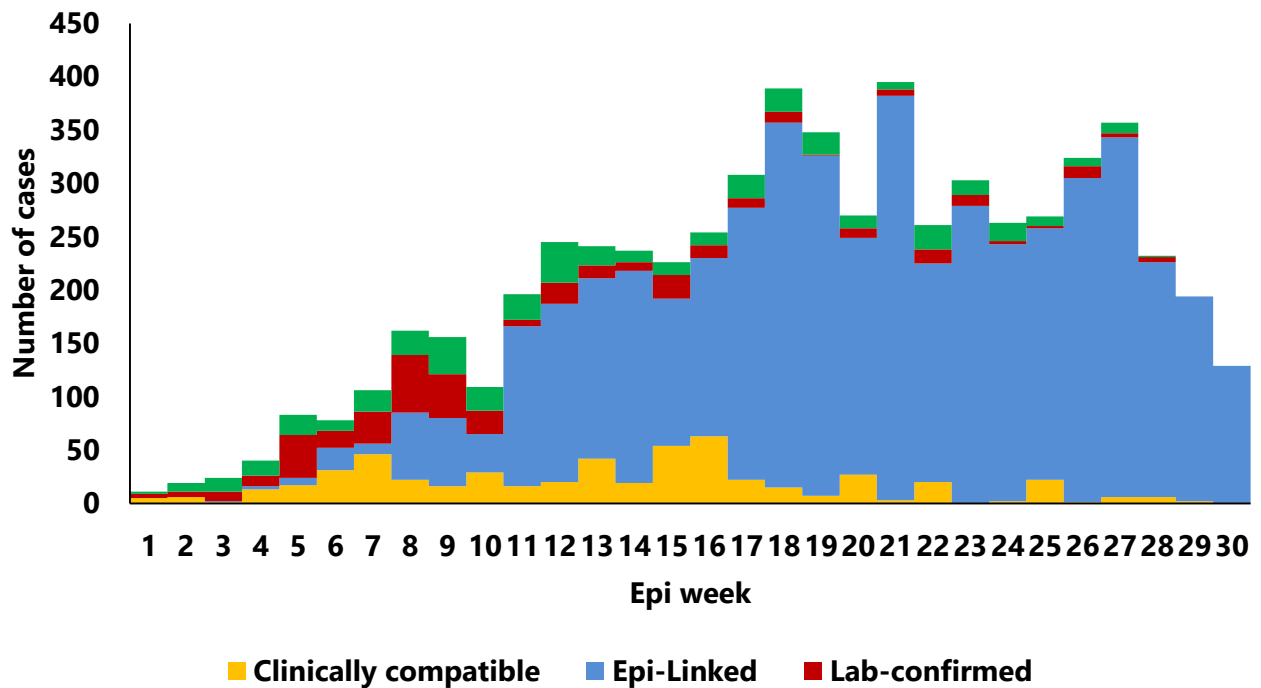


Figure 5: Epi Curve of Measles cases by Epi Classification, Liberia, Epi week 1-30, 2022

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

- Phase 2 of the nationwide Measles campaign completed:
 - Total children targeted- 313, 817
 - Total children vaccinated- 281, 639
 - Coverage-90%
 - Age group 9-59 months

- Supported by WHO and UNICEF
- Phase 1:
 - Total children targeted- 260,438
 - Total children vaccinated- 109,258
 - Coverage-42%
 - Age group 9-35 months
 - Supported by WHO and UNICEF

V. Laboratory

- Three hundred seventy-one (371) cases have been confirmed by laboratory from 62 health districts in 15 counties

VI. Risk Communication and Community Engagement

- Airing of measles prevention and control messages ongoing (Rivercess, Bomi and Lofa) counties

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

Infectious Disease and Epidemiology Division

National Public Health Institute of Liberia

Republic of Liberia

Email: sumorflomo@gmail.com

Phone: +231 886517116/778499349