



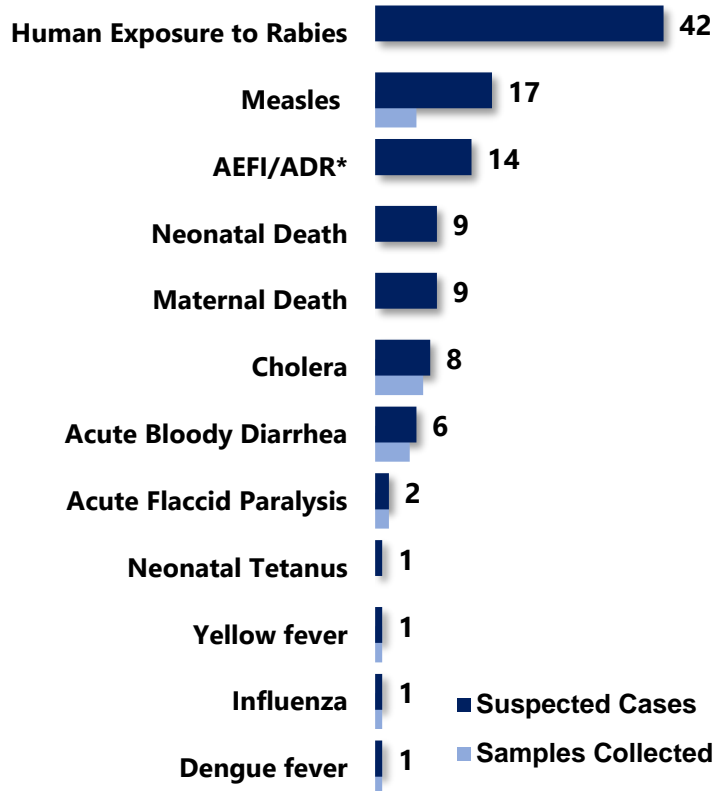
Liberia IDSR Epidemiology Bulletin

2024 Epi-week 26 (June 24 – 30)

Country Population: 5,406,374 | Volume 20 Issue 26 | June 24 – 30, 2024 | Data Source: CSOs from 15 Counties and Laboratory

Highlights

Figure 1: Public Health Events Reported



Keynotes and Events of Public Health Significance

- ◆ A total of **111 events** of public health importance, including **18 deaths** reported
- ◆ **Completeness and Timeliness** of health facility reports were both **98%**.
- ◆ **Ongoing Lassa fever outbreak** in **two** Counties
- ◆ **Ongoing Measles outbreak** in **six** Counties

Reporting Coverage

Table 1: Health Facility Weekly IDSR Reporting Coverage, Liberia, Epi-week 26, 2024

County	Expected Reports from HF*	Reports Received	Received on Time	Completeness (%)	Timeliness (%)
Bomi	29	29	29	100	100
Bong	66	66	66	100	100
Gbarpolu	18	18	18	100	100
Grand Bassa	38	38	38	100	100
Grand Cape Mount	36	36	36	100	100
Grand Gedeh	24	24	24	100	100
Grand Kru	25	25	25	100	100
Lofa	61	61	61	100	100
Margibi	65	65	65	100	100
Maryland	28	28	28	100	100
Montserrado	391	367	367	94	94
Nimba	102	102	102	100	100
Rivercess	21	21	21	100	100
River Gee	21	21	21	100	100
Sinoe	41	41	41	100	100
Liberia	966	942	942	98	98

942 (98%)
Health facilities reported IDSR data

98(100%)
Health districts reported IDSR data

942(98%)
Health facilities reported timely IDSR data

Legend:



- ◆ The national target for weekly IDSR reporting is 80%, Nimba county reported late.
- ◆ Health facility timeliness is monitored at the health district level

Vaccine-Preventable Diseases

Measles

- ☞ Seventeen (17) suspected cases were reported from Maryland (4), River Gee (3), Nimba (3), Gbarpolu (2), Grand Gedeh (2) Grand Kru (1), Grand Bassa (1), and Sinoe (1)
- ☞ Six (6) specimens were collected and pending laboratory confirmation
 - Thirty-five percent (6/17) of the suspected cases were vaccinated for measles (*see Table 3*)
- ☞ Cumulatively, 1180 suspected cases have been reported since Epi-week 1 (*see Table 2*)
 - Of the total reported 876 confirmed cases,
 - 53% were reported to have previously been vaccinated,
 - 38% were unvaccinated
 - 9% had unknown vaccination status
 - Fifty-one percent (446/876) of the confirmed cases are below 5 years
 - Proportion of suspected cases with sample collected 46% (540/1180)
 - Proportion of suspected cases with sample tested 82% (444/540) [negative – 299, positive – 143]
 - Proportion of negative Measles cases tested for Rubella 94% (282/299) [negative – 258, positive – 24]
- ☞ Liberia’s annualized non-measles febrile rash illness rate now stands at 11.3 per 100,000. Montserrado County is below the target (*see Table 2*)

Table 2. Classification of measles, reporting rate, and annualized non-measles rash illness rate per 100,000 population by County, Liberia, Week 1-26, 2024

Reporting County	Epi-classification					Cumulative	Annualized Non Measles Febrile Rash Illness Rate
	Lab confirmed	Epi-linked	Clinically compatible	Indeterminate (Equivocal)	Discarded (Negative)		
Bomi	1	0	4	0	5	10	7.2
Bong	1	0	20	0	9	30	3.8
Gbarpolu	4	0	13	1	24	42	49.5
Grand Bassa	2	0	8	0	14	24	9.4
Grand Cape Mount	3	0	6	0	24	33	26.2
Grand Gedeh	33	28	61	0	30	152	26.6
Grand Kru	26	35	40	0	43	144	75.2
Lofa	0	0	16	0	13	29	6.9
Margibi	0	0	2	0	4	6	2.6
Maryland	21	5	153	0	8	187	9.1
Montserrado	2	0	20	0	17	39	1.7
Nimba	26	56	186	0	23	291	7.2
River Gee	19	13	44	1	30	107	47.3
Rivercess	0	0	3	0	6	9	12.6
Sinoe	6	1	18	0	52	77	67.3
Liberia	144	138	594	2	302	1180	11.2
Target Achieved	≥2		Below Target		<2		

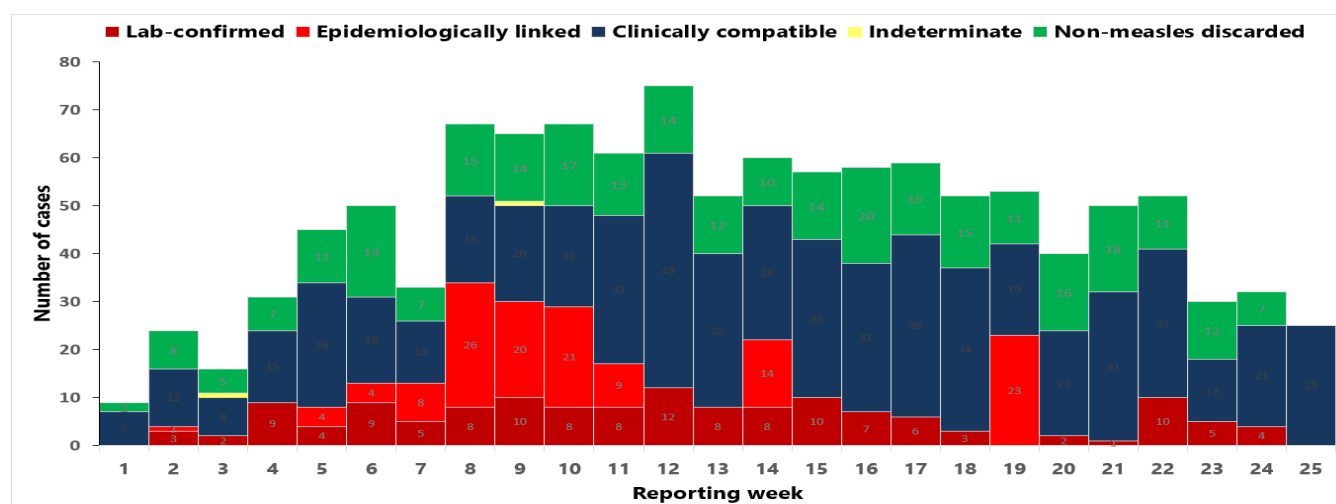


Figure 2: Distribution of Measles Cases by Reporting Week and Epi-classification, Liberia, Week 1-26, 2024

Table 3: Distribution and Vaccination Status of Measles Cases, Liberia, Epi-week 1-26, 2024

County	# of cases	Vaccinated	Number of Doses Received		
			One Dose	Two Doses	Doses Not Indicated
Gbarpolu	2	2	2	0	0
Grand Bassa	1	0	0	0	0
Grand Gedeh	2	2	1	0	1
Grand Kru	1	0	0	0	0
Maryland	4	0	0	0	0
Nimba	3	0	0	0	0
River Gee	3	1	0	0	1
Sinoe	1	1	1	0	0
Total	17	6	4	0	2

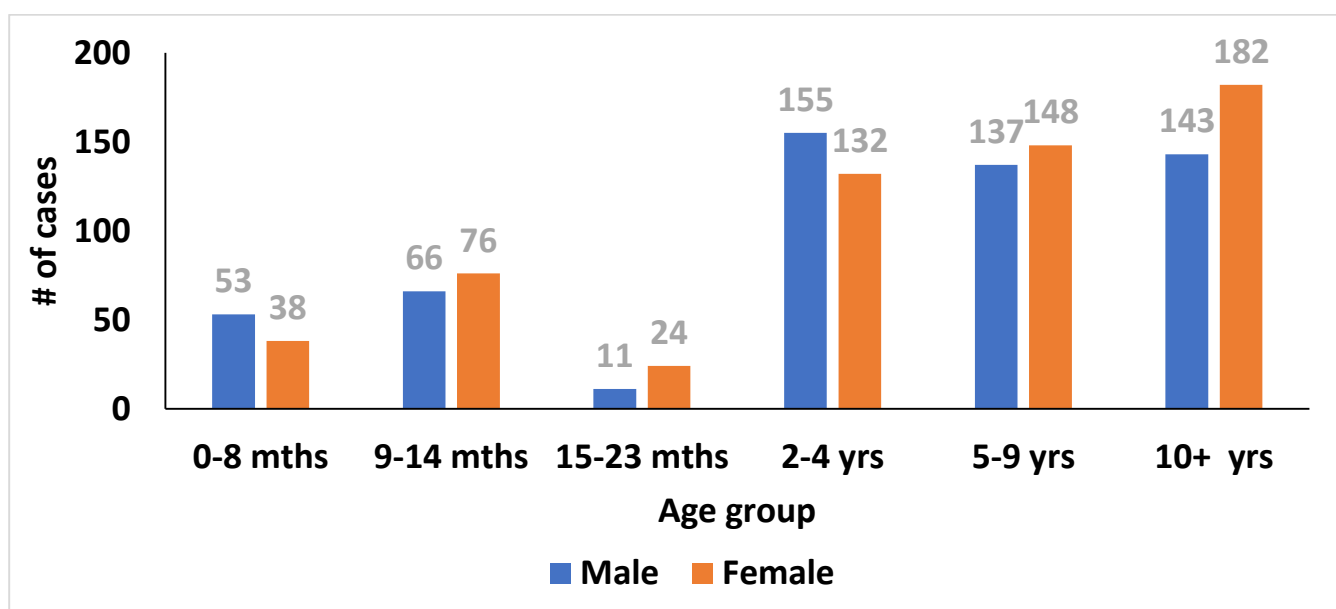


Figure 3: Suspected Measles Cases by Age group and Sex, Liberia Epi week 26, 2024

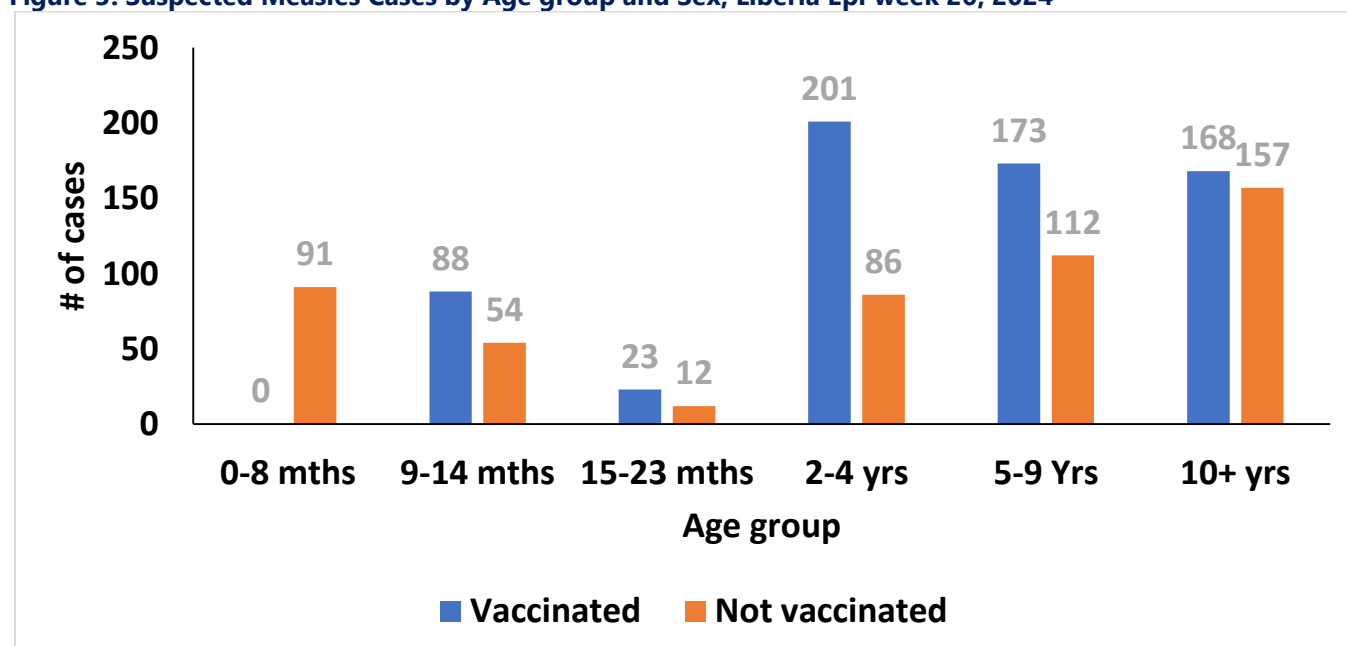


Figure 4: Suspected Measles Cases by Age Group and Vaccination Status, Liberia, Epi-Week 26, 2024

Table 4: Status of Confirmed Measles Cases by County, Liberia, December 13, 2021 - June 30, 2024

County	Total Cases	Active	Recovery	Deaths	# of Districts
Montserrado	5,373	0	5,304	69	0/7
Nimba	1,296	3	1,289	4	4/6
Grand Bassa	924	0	917	7	0/8
Margibi	803	0	802	1	0/4
Bong	578	0	575	3	0/9
Maryland	1,301	6	1295	0	3/6
Lofa	292	0	292	0	0/6
Grand Kru	1,095	0	1093	2	3/5
Grand Cape Mount	187	0	184	3	0/5
Bomi	147	0	142	5	0/4
Rivercess	84	0	83	1	0/6
Gbarpolu	60	1	59	0	1/5
Grand Gedeh	603	0	603	0	1/6
River Gee	133	0	133	0	2/6
Sinoe	247	0	247	0	0/10
Total	13,123	10	13,018	95	14/98

Table 5: Status of Confirmed (lab, clinically confirmed, and epi-linked) Measles Cases by County, Liberia

COUNTY	CUMULATIVE SUSPECTED CASES	CUMULATIVE CONFIRMED CASES	CLASSIFICATION OF CONFIRMED CASES			CLASSIFICATION OF CONFIRMED DEATHS			CUMULATIVE DEATHS	CFR (%)	# CONFIRMED CASES WEEK 24	# CONFIRMED CASES WEEK 25	Outbreak Status
			Lab confirmed	Epi Linked	Clinically Compatible	Lab confirmed	Epi Linked	Clinically Compatible					
Montserrado	5,456	5,373	148	1658	3,567	3	61	5	69	1.3	0	0	Ended
Nimba	1,321	1,296	59	313	924	0	1	3	4	0.4	12	3	Ongoing
Margibi	827	803	37	136	630	0	0	1	1	0.1	0	0	Ended
Grand Bassa	962	924	41	212	671	1	0	6	7	0.9	0	0	Ended
Lofa	361	292	35	66	191	0	0	0	0	0	0	0	Ended
Bong	603	578	25	21	532	0	1	2	3	0.5	0	0	Ended
Maryland	1310	1301	33	379	890	0	0	0	0	0	2	6	Ongoing
Grand Gedeh	753	603	83	120	400	0	0	0	0	0	2	0	Ongoing
Sinoe	302	247	48	88	111	0	0	0	0	0	0	0	Ended
Bomi	183	147	37	27	83	1	2	2	5	3	0	0	Ended
Grand Cape Mt	215	187	23	18	146	0	2	1	3	1.6	0	0	Ended
Grand Kru	1126	1,095	56	199	840	0	0	2	2	0.2	0	0	Ongoing
Gbarpolu	80	60	7	3	50	0	0	0	0	0	0	1	Ongoing
Rivercess	112	84	26	54	4	0	1	0	1	1.1	0	0	Ended
River Gee	166	133	33	50	50	0	0	0	0	0	4	0	Ongoing
Total	13,777	13,123	691	3,343	9,089	5	68	22	95	7.8	20	10	

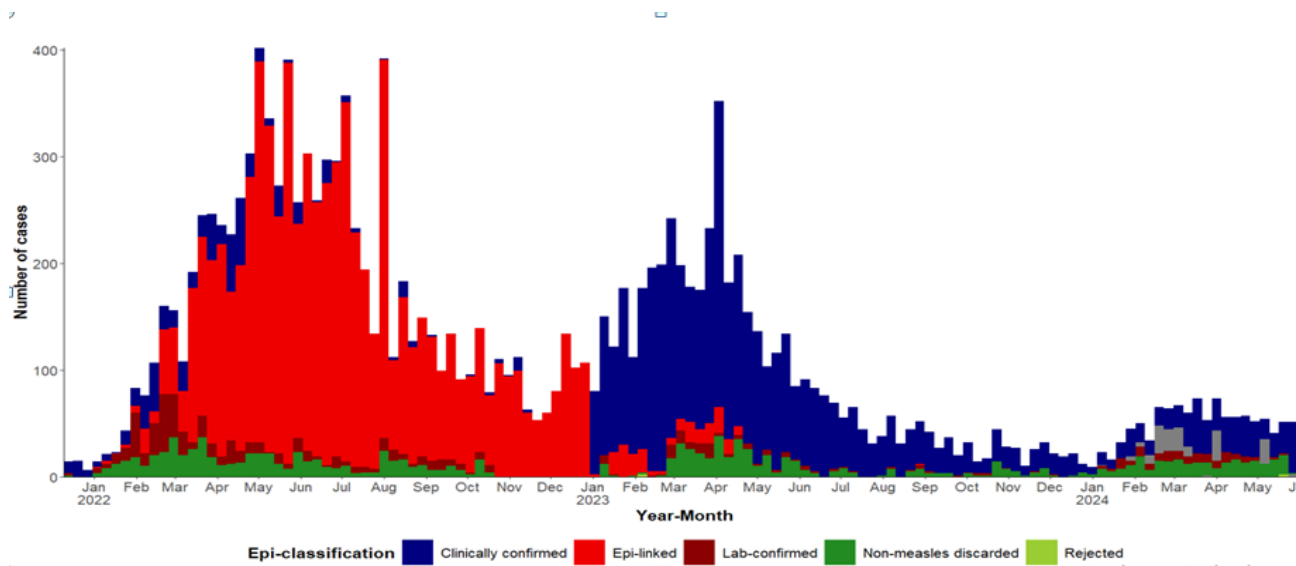


Figure 5: Epi-curve of Measles Cases by Epi-classification, Liberia, 13 December 2021 – 30 June 2024

PUBLIC HEALTH RESPONSE

I. Coordination

- The response has been led by the County Health Teams with technical support from the National Public Health Institute of Liberia (NPHIL), the Ministry of Health (MOH) and partners (UNICEF and WHO in Grand Gedeh County).
- IMS meetings are being held for coordination and mobilization of resources in affected Counties.
- Latest coordination meeting was held on June 5, 2024 (Grand Kru)



During the IMS meeting on June 4, 2024 in Grand Gedeh County

II. Epidemiological Surveillance

- Active case search in affected and surrounding communities ongoing in Grand Kru County.
- Situational reports have been developed and disseminated to stakeholders (Grand Kru and Grand Gedeh) counties.
- Investigation of all rumors and alerts reported from the community ongoing in Grand Kru County
- Risk assessment conducted on all contacts on May 30, 2024 (Grand Gedeh)
- Total of 23 contacts line listed as high and low risk (Grand Gedeh)

III. Case management

- Case management ongoing in affected counties

IV. Immunization

- Routine immunization ongoing across the country

V. Infection Prevention and Control (IPC)

- Reinforcement of hand washing in the affected communities (Grand Kru)
- Distribution of IPC supplies such as gloves, nose masks, and hand sanitizers to responders (Grand Kru).

VI. Laboratory

- The National Public Health Reference Laboratory continues testing of Measles samples
- Eight samples were collected and 7 confirmed positive, while one was tested negative from Grand Gedeh County.
- A total of six hundred ninety-one (691) cases have been confirmed by the NPHRL from December 13, 2021 – June 26, 2024.

VII. Risk Communication and Community Engagement

- Continual community advocacy meetings with local leaders and family members in the affected communities (Grand Kru and Grand Gedeh)
- Awareness and health education are ongoing on the spread and prevention of Measles at health facility and community levels in Grand Gedeh and Grand Kru Counties (Supported by UNICEF in Grand Gedeh County)



Community engagement meeting on measles prevention and control in Putu Jarwodee, June 6, 2024

VIII. Challenges

- Lack of gasoline support for contact tracing, monitoring and active case search (Grand Gedeh and Grand Kru)
- Limited supply of essential medications and medical supplies for case management in affected counties

Acute Flaccid Paralysis (AFP)

- ☞ Two (2) cases were reported from Grand Cape Mount (1), and Nimba (1) Counties
 - All Specimens were collected and shipped
- ☞ Cumulatively, sixty-six (66) cases have been reported
 - Thirty (30) tested negative, Two (NPENT), 34 pending testing

Neonatal Tetanus

- ☞ One (1) case was reported from Montserrado County
- ☞ Cumulatively, twenty- one (21) cases have been reported including six (6) deaths

Influenza-Like Illnesses

Coronavirus Disease (COVID-19)

- ☞ One suspected case reported from Montserrado
- ☞ Specimen was collected and tested negative

☞ Cumulatively, three (3) cases have been reported: two positive and one negative

Influenza

- ☞ One suspected case was reported from Montserrado
- ☞ Specimen was collected and tested positive (presumptive)
- ☞ Cumulatively, seventy-one (71) suspected cases reported
 - Seventy-one (71) specimens were collected: 65 tested negative, 5 specimens were discarded and one presumptive positive

Viral Hemorrhagic Fever

Lassa fever

- ☞ Zero) suspected cases were reported
- ☞ Cumulatively, one hundred sixteen (116) suspected cases have been reported
 - Proportion of suspected cases with the sample collected (116/116) 100%
 - Proportion of suspected cases with sample tested (112/116) 97%
 - Confirmed 15 including 4 deaths, negative 97 and discarded 4
 - Case fatality rate: (4/15) 27%

Outbreak:

- ☞ No new confirmed case reported
- ☞ Twenty-seven (27) contacts completed 21 days' follow-up
- ☞ A total of 153 confirmed cases including 45 deaths reported
- ☞ Cumulative Case Fatality Rate (CFR): 29% (45/153)
- ☞ Two counties are currently in outbreak (Countdown)

Table 6: Summary of Lassa fever Outbreak, Liberia, January 6, 2022-June 30, 2024

County	Outbreak Districts	Outbreak Start Date	Total suspected	Total confirmed	HCWs confirmed	Total Deaths	Deaths in HCWs	CFR %	Total Contacts	#HCW contacts	Contacts_ became cases	Contacts under follow up	Contacts completed	Days in countdown	Outbreak Status
Montserrado	Bushrod	13-Feb-23	17	1	0	0	0	0%	29	21	0	0	29	Completed	Ended
	Central Monro	27-Nov-23	1	2	0	1	0	50%	49	0	0	0	49	Completed	Ended
	Central Monro	3-Mar-23	38	2	0	1	0	50%	28	27	0	0	28	Completed	Ended
	Bushrod	30-Apr-24	2	1	0	0	0	0%	14	6	0	0	14	Completed	Ended
Bong	Suakoko	21-Apr-23	192	54	18	13	2	24%	496	114	6	0	417	Completed	Ended
	Jorquelleh	15-Oct-23	14	6	3	1	1	17%	121	86	3	0	169	Completed	Ended
	Kokoyah	6-Jun-24	3	1	0	0	0	0%	8	0	0	8	0	8	Countdown
	Suakoko	23-Feb-24	29	3	0	0	0	0%	29	14	0	0	29	Completed	Ended
	Salala	8-Mar-24	2	2	0	1	0	50%	21	0	0	0	21	Completed	Ended
	Jorquelleh	11-Apr-24	3	2	0	1	0	0%	41	30	0	19	22	8	Countdown
Grand Bassa	District 3A&B	21-Aug-23	87	44	0	10	0	23%	177	40	40	0	159	Completed	Ended
	Buchanan	11-Aug-23	2	1	0	1	0	100%	4	2	0	0	4	Completed	Ended
	District 3A&B	30-Apr-24	6	3	0	1	0	33%	12	3	0	0	12	36	Countdown
Nimba	Sadepea-Mah	21-Nov-23	4	2	0	1	0	50%	5	0	0	0	5	Completed	Ended
	Sarriquellie-Mah	6-Feb-23	42	15	0	6	0	40%	43	35	8	0	43	Completed	Ended
	Tappita	20-Nov-23	12	5	0	3	0	60%	88	39	4	0	77	Completed	Ended
	Bain-Garr	1-Jun-23	24	6	0	3	0	50%	61	25	0	0	31	Completed	Ended
	Bain-Garr	15-Apr-24	5	2	0	1	0	50%	25	7	0	0	25	Completed	Ended
RiverGee	Pumpo	25-Nov-22	2	1	0	1	0	100%	14	0	0	0	14	Completed	Ended
Total			485	153	21	45	3	29%	1265	449	61	27	1148		

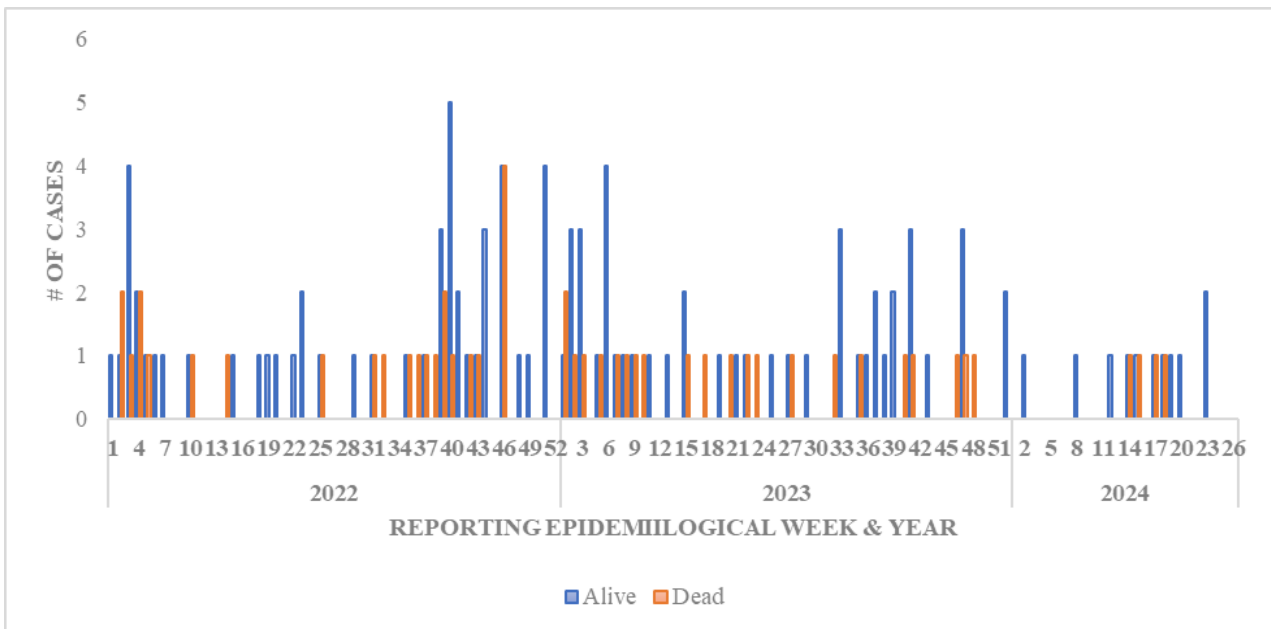


Figure 6: Epi-curve of Confirmed Lassa fever cases, Liberia, January 6, 2022- June 30, 2024

Public Health Measures

I. Coordination

- The response has been led by the County Health Teams with technical support from the National Public Health Institute of Liberia (NPHIL), the Ministry of Health (MOH) and partners
- The Incident Management Systems (IMs) have been activated in the affected counties
- The PHEOCs in the response counties are in response mode coordinating the response

II. Surveillance

- (39) contacts under 21 days follow up
- Active case search and contact tracing ongoing in affected communities and districts
- Thirty-nine situational reports have been developed and disseminated to stakeholders

III. Laboratory

- The National Public Health Reference Laboratory continues testing of Lassa fever samples
- Total of 153 Lassa fever cases have been confirmed since this outbreak

IV. Case management and IPC

- Ribavirin supply in country and being distributed for treatment of Lf cases to affected counties
- The confirmed cases in isolation were treated with ribavirin and discharged.
- There is no confirmed case currently in isolation

V. Risk Communication and Community Engagement

- Risk communication and community engagement ongoing in affected and surrounding communities

VI. Dead Body Management

- Total of 45 confirmed deaths recorded and buried under safe and dignified condition

Challenges

- Limited supply of IPC materials in affected counties
- Limited logistics (gasoline, communication cards, fuel, etc.) to support active case search and contact tracing in the affected counties search ongoing in affected communities and districts
- Twenty-seven (27) contacts completed 21 days follow up
- Lack of stationeries in EOC to produce case alert forms, contact tracing forms, and other tools for investigations (Bong County)
- Lack of computer for County Surveillance Officers (Bong County)

Yellow Fever

- ☞ One (1) suspected case reported from Lofa County
- ☞ Specimen was collected and pending testing
- ☞ Cumulatively fifty-four (54) cases have been reported
 - Proportion of suspected cases with samples collected (51/54) 94%, however, 2 samples pending testing, 1 rejected
 - Proportion of suspected cases with samples tested (48/51) 94% (negative 47) (1 indeterminate)

Dengue

- ☞ One (1) suspected case was reported Maryland County
- ☞ Specimen was collected and pending testing
- ☞ Cumulatively, five (5) suspected cases were reported

Ebola Virus Disease

- ☞ Zero cases reported

Diarrheal Diseases

Acute Bloody Diarrhea (Suspected Shigellosis)

- ☞ Six (6) cases were reported from Grand Gedeh (2), Grand Cape Mount (1), Nimba (1), Montserrado (1), and Grand Kru (1) Counties
- ☞ Five Specimens were collected 1 tested negative and 4 pending testing
- ☞ Cumulatively, two hundred thirty-one (231) cases have been reported
 - 132 specimens were collected, 105 reached the Lab
 - 87 tested negative, 7 rejected
 - 4 confirmed (*S. flexneri* & *S. sonnei*)
 - 7 pending testing

Severe Acute Watery Diarrhea (Suspected Cholera)

- ☞ Eight (8) cases were reported from River Gee (2), Nimba (2), Lofa (1), Bong (1), Montserrado (1), and Margibi (1) Counties
- ☞ Seven specimens were collected: 1 tested negative, 2 rejected and 4 pending testing
- ☞ Cumulatively, one hundred sixty-four (164) cases have been reported
 - 98 specimens collected, 69 reached the Lab
 - 50 tested negatives, 12 rejected and 7 pending testing

Other Reportable Diseases

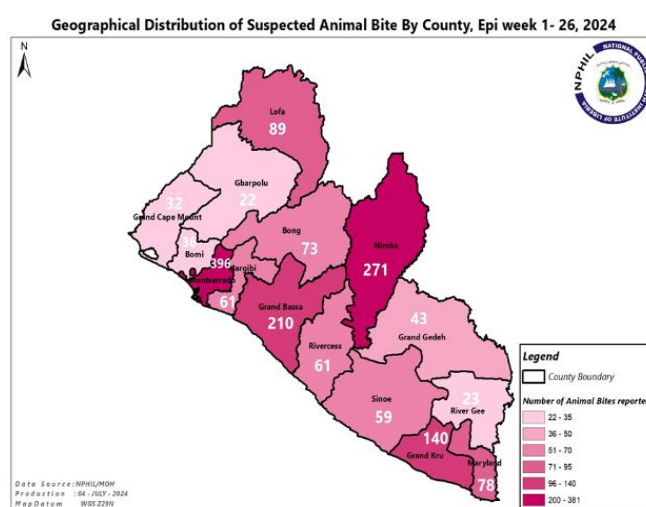
Animal bite (Human Exposure to Rabies) Other Reportable Diseases

Animal bite (Human Exposure to Rabies)

- ☞ Forty-two (42) animal bite cases were reported from Montserrado (15), Margibi (6), Nimba (5), Bong (4), Grand Bassa (4), Lofa (3), Grand Cape Mount (2), Grand Gedeh (1), Grand Kru (1), and Sinoe (1) Counties
- ☞ All bites were attributed to dog
- ☞ Proportion of cases investigated: (21/42) 50%
- ☞ Proportion of dogs vaccinated: (0/42) 0%
- ☞ Cumulatively, 1,583 cases have been reported including 2 deaths (Human Rabies)

Public Health Actions

- ☞ All cases were clinically managed and discharged
- ☞ PEP Administered to 2 persons (5%) in Lofa County
- ☞ PEP supplied to Grand Bassa, Nimba, Montserrado, and Sinoe Counties



Meningitis

- ☞ Zero cases were reported
- ☞ Cumulatively, seventeen (17) suspected cases have been reported
 - Proportion of specimen collected (16/18) 89%, 2 specimens not collected
 - Proportion of specimens tested (15/16) 94% (14 negative, 1 positive, 1 discarded)

Mpox

- ☞ Zero cases were reported
- ☞ Cumulatively, forty-five (45) suspected cases have been reported with 38 samples collected, and 35 tested of which, 5 confirmed positive, 30 negative, 1 rejected, 1 pending testing and 1 discarded

Outbreak

- ☞ No new confirmed case reported
- ☞ A total of 20 contacts are being followed up for 21 days
- ☞ Cumulatively 2 cases (1 positive, 1 suspected) have been reported since the beginning of the outbreak

Public Health Measure

I. Coordination

- Coordination is ongoing at county and district levels

II. Epi-surveillance

- Twenty (20) contacts are being daily monitoring
- Active case search is ongoing in the affected communities and its surroundings

III. Risk Communication & Community Engagement

- Awareness and health education on the spread and prevention of the disease in the affected communities and its surroundings are ongoing

IV. Infection Prevention and Control (IPC)

- Reinforced hand washing in the affected community

V. Case Management

- Treatment of confirmed case is in progress

Planned Activities

- Monitor contacts daily for signs and symptoms of Mpox

Challenges

- No gasoline support to intensify response activities
- No feeding support for patients at the treatment units

Unexplained cluster of deaths

- ☞ Zero cases reported

An Unexplained Cluster of Health Events

- ☞ Zero cases reported

Other Events of Public Health Importance

Maternal Mortality

- ☞ Nine (9) deaths were reported from Montserrado (5), Grand Bassa (1), Nimba (1), Lofa (1), and Maryland (1) Counties
- ☞ Reported causes: Antepartum Hemorrhage (4), Eclampsia (2), PPH (1), Abruption Placenta (1), and one pending investigation
- ☞ Reporting sites:
 - Health facility (9/9) 100%
- ☞ Cumulatively, one hundred sixty-five (165) deaths reported
 - Proportion of deaths reviewed (53/165) 32%

Table 7: Cumulative Maternal Mortality reporting rate, and annualized Maternal Mortality per 100,000 populations by County, Liberia, Week 1-26, 2024

County	Estimated Annual Live birth (4.3%)	Current week	Cumulative	% of Cumulative Maternal deaths	Annualized Maternal Mortality Ratio/100000
Grand Bassa	12875	1	16	9.7	249
Montserrado	85821	5	86	52.1	200
Grand Cape Mount	7881	0	6	3.6	152
Nimba	27301	1	19	11.5	139
Margibi	13467	0	9	5.5	134
Maryland	7531	1	5	3.0	133
Bomi	5943	0	3	1.8	101
Lofa	16113	1	8	4.8	99
Rivercess	4083	0	2	1.2	98
Grand Kru	4918	0	2	1.2	81
River Gee	5451	0	2	1.2	73
Grand Gedeh	9690	0	3	1.8	62
Sinoe	6646	0	1	0.6	30
Bong	20585	0	3	1.8	29
Gbarpolu	4169	0	0	0.0	0
Liberia	232474	9	165	100.0	142

Neonatal Mortality

- ☞ Nine (9) deaths were reported from Montserrado (3), Nimba (3), Lofa (2), and Margibi (1) Counties
- ☞ Reported causes: Birth Asphyxia (7), and Sepsis (2)
- ☞ Reported sites:
 - Health facility (9/9) 100 %
- ☞ Cumulatively, four hundred thirty-four (434) deaths reported
 - Proportion of deaths reviewed (119/434) 27%

Adverse Events Following Immunization (AEFI)/Adverse Drug Reaction (ADR)

- ☞ Fourteen (14) cases were reported from Sinoe (5), River Gee (3), Grand Gedeh (2), Gbarpolu (2), and Grand Bassa (2) Counties
- ☞ All were classified as non-serious
- ☞ Related vaccine:
 - Penta (7/14) 50%
 - Malaria (4/14) 29%
 - Measles (2/14) 14%
 - Pneumonia (1/14) 7%
- ☞ Cumulatively, six hundred six (606) events were reported.

Neglected Tropical Diseases

YAWS

- ☞ Zero cases were reported

Buruli Ulcer

- ☞ Zero cases were reported

Border Surveillance Update

A total of 4843 travelers were recorded from eight (8) designated out of Forty-five (45) official POEs with incoming travelers accounting for 60% (2710/4843)

Table 8: Border activity at the PoE for incoming and outgoing travelers, Liberia, Epi week 26

Type of Ports	Point of Entry	Weekly total	Arrival	Departure	Total travelers with YB	Yellow Book Damage	Card Replaced	Vaccinated against YF & Issued book	Alerts detected/ Verified
Airport	James S. Paynes	43	19	24	5	0	0	0	
	Robert Int'l Airport	4031	2060	2068	0	0	21	7	1
Seaport	Freeport of Monrovia	218	109	109	218	0	0	0	0
	Buchanan Port	78	39	39	78	0	0	0	0
Ground Crossing	Bo Water Side	0	213	285	475	0	7	16	0
	Ganta	104	63	41	63	0	0	0	0
	Yekepa	49	31	18	12	0	0	0	0
	Loguatu	320	176	144	186	0	0	0	0
Total		4,843	2710	2728	1037	0	28	23	1

Note: Yellow book issue for both arrival and departure; Vaccination coverage for both arrival and departure

Public Health Measures

National level

- ☞ Providing remote technical and operational support to counties
- ☞ Produced and disseminated situation reports (Lassa fever, Measles, and Mpox outbreaks)
- ☞ Produced and disseminated weekly bulletin

County-level

☞ Surveillance

- Publication of situational reports
- Active case search ongoing in affected and surrounding communities

☞ Case Management

- Administration of PEP
- Management of measles and Lassa fever cases ongoing in affected counties

Appendix

Summary of Immediately Reportable Diseases, Conditions, and Events by County

		Bomi	Bong	Gbarpolu	Grand Bassa	Grand Cape Mount	Grand Gedeh	Grand Kru	Lofa	Margibi	Maryland	Montserrado	Nimba	Rivercess	River Gee	Sinoe	Total Weekly	Cumulative Reported	Cumulative Lab-confirmed	
No. of Expected Health District		4	9	5	8	5	6	5	6	4	6	7	11	6	6	10	98			
No. of Health District Reported		4	9	5	8	5	6	5	6	4	6	7	11	6	6	10	98			
Vaccine Preventable Diseases	Acute Flaccid Paralysis (Suspected Polio)	A	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	2	49	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Measles	A	0	0	2	1	0	2	1	0	0	4	0	3	0	3	1	17	1,111	50
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Neonatal Tetanus	A	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	15	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0
	Yellow fever	A	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	49	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Viral Hemorrhagic Fe	Dengue fever	A	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	3	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ebola Virus Disease	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lassa fever	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	2	
	D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	
Influenza-Like	COVID-19	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Influenza Like Illnesses	A	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	70	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diarrheal Disease	Acute Bloody Diarrhoea (Shigellosis)	A	0	0	0	1	2	1	0	0	0	1	1	0	0	0	0	6	201	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Severe Acute Watery Diarrhoea (Cholera)	A	0	1	0	0	0	0	1	1	0	1	2	0	2	0	0	8	142	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Events of Public Health Ir	Maternal Mortality	D	0	0	1	0	0	0	1	0	1	5	1	0	0	0	0	9	131	
		D	0	0	0	0	0	0	2	1	0	3	3	0	0	0	0	9	383	
	AEFI	A	0	0	2	2	0	2	0	0	0	0	0	0	3	5	14	549	0	
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unexplained Cluster of Health Events/Disease	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other Reportable Diseases	Mpox	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	2	
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tuberculosis	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Human Exposure to Rabies (Suspected Human)	A	0	4	0	4	2	1	1	3	6	0	15	5	0	0	1	42	1,416	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	Meningitis	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	1
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unexplained Cluster of deaths	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Neglected Tr	Buruli Ulcer	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Yaws	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL		0	5	4	8	0	7	0	8	0	6	0	16	0	8	7	111	4313	7	

D = Dead **A** = Alive

Notes

- ☞ **Completeness** refers to the proportion of expected weekly IDSR reports received (target: $\geq 80\%$)
- ☞ **Timeliness** refers to the proportion of expected weekly IDSR reports received by the next level on time (target: $\geq 80\%$). The time requirement for weekly IDSR reports:
 - Health facility - required on or before 5:00 pm every Saturday to the district level
 - Health district - required on or before 5:00 pm every Sunday to the county level
 - County - required on or before 5:00 pm every Monday to the national level
- ☞ **Non-polio AFP rate** is the proportion of non-polio AFP cases per 100,000 among the estimated population under 15 years of age in 2017 (annual target: $\geq 2/100,000$)
- ☞ **Non-measles febrile rash illness rate** refers to the proportion of Negative measles cases per 100,000 population
- ☞ **Annualized maternal mortality rate** refers to the maternal mortality rate of a given period of less than one year and it is the number of maternal deaths per 100,000 live births
- ☞ **Annualized neonatal mortality rate** refers to the neonatal mortality ratio of a given period of less than one year and it is the number of neonatal deaths per 1,000 live births
- ☞ **Epi-linked** refers to any suspected case that has not had a specimen taken for serologic confirmation but is linked to a laboratory-confirmed case
- ☞ **Confirmed case** refers to a case whose specimen has been tested positive or reactive upon laboratory testing, or has been classified as confirmed by either epidemiologic linkage with a confirmed case or clinical compatibility with the disease or condition

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Data sources

Data and information is provided by the fifteen County Surveillance Officers and National Public Health Reference Laboratory via regular weekly reports, telephone calls and email exchanges. Situations are evolving and dynamic therefore numbers stated are subject to change.