



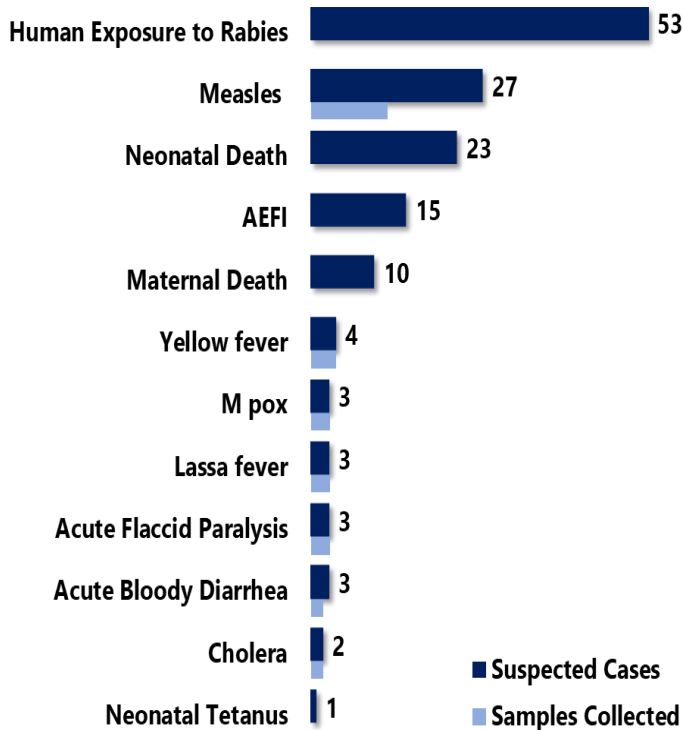
Liberia IDSR Epidemiology Bulletin

2024 Epi-week 27 (July 1 – 7)

Country Population: 5,406,374 | Volume 20 Issue 27 | July 1 – 7, 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 **147 events** of public health importance, including **34 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 27, 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

Legend: ≥80 <80

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

Vaccine-Preventable Diseases

Measles

- ☞ Twenty-seven (27) suspected cases were reported from Maryland (9), Nimba (6), Lofa (3), River Gee (3), Montserrado (2), Grand Cape Mount (1), Grand Kru (1), Sinoe (1), and Grand Gedeh (1) Counties
 - Twelve (12) specimens were collected, and 8 pending laboratory confirmation and 4 haven't reached the lab
 - Fifty-nine percent (16/27) of the suspected cases were vaccinated for measles (*see Table 3*)
- ☞ Cumulatively, 1208 suspected cases have been reported since Epi-week 1 (*see Table 2*)
 - Of the total reported 900 confirmed cases,
 - 55% were reported to have previously been vaccinated,
 - 37% were unvaccinated
 - 9% had unknown vaccination status
 - Fifty-two percent (464/900) of the confirmed cases are below 5 years
 - Proportion of suspected cases with sample collected 46% (553/1208)
 - Proportion of suspected cases with sample tested 82% (453/553) [negative – 303, positive – 148, 2 indeterminate]
 - Proportion of negative Measles cases tested for Rubella 94% (286/303) [negative – 261, positive – 25]
- ☞ Liberia's annualized non-measles febrile rash illness rate now stands at 10.9 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 1-27, 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	7.0
Bong	1	0	20	0	9	30	3.6
Gbarpolu	6	0	11	1	24	42	47.7
Grand Bassa	2	0	8	0	14	24	9.0
Grand Cape Mount	3	0	7	0	24	34	25.2
Grand Gedeh	33	28	61	0	32	154	27.3
Grand Kru	26	35	41	0	43	145	72.4
Lofa	0	0	19	0	13	32	6.7
Margibi	0	0	2	0	4	6	2.5
Maryland	21	5	162	0	8	196	8.8
Montserrado	3	0	21	0	17	41	1.6
Nimba	26	62	186	0	23	297	7.0
River Gee	20	13	45	1	31	110	47.1
Rivercess	0	0	3	0	6	9	12.2
Sinoe	7	1	17	0	53	78	66.0
Liberia	149	144	607	2	306	1208	10.9
Target Achieved	>=2		Below Target		<2		

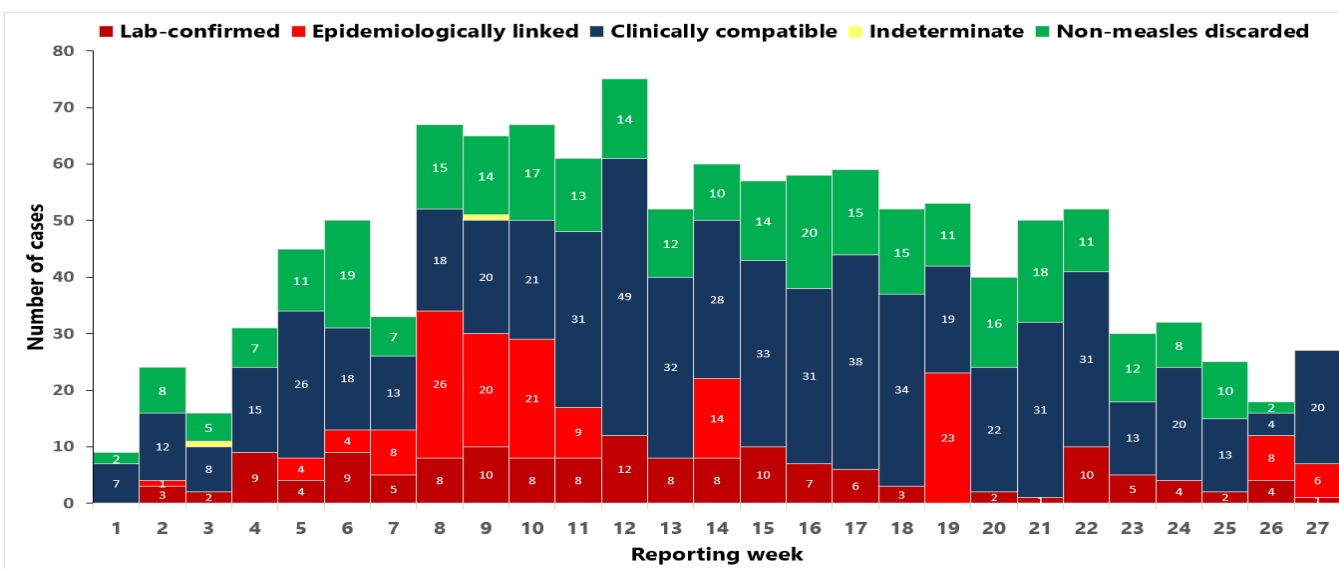


Figure 2: Distribution of Measles Cases by Reporting Week and Epi-classification, Liberia, Week 1-27, 2024

Table 3: Distribution and Vaccination Status of Measles Cases, Liberia, Epi-week 27, 2024

County	# of cases	Vaccinated	Number of Doses Received		
			One Dose	Two Doses	Doses Not Indicated
Grand Cape Mount	1	1	1	0	0
Grand Gedeh	1	1	0	1	0
Grand Kru	1	1	0	1	0
Lofa	3	3	1	2	0
Maryland	9	3	2	1	0
Montserrado	2	2	2	0	0
Nimba	6	1	0	0	1
River Gee	3	3	1	0	2
Sinoe	1	1	1	0	0
Total	27	16 (59%)	8	5	3

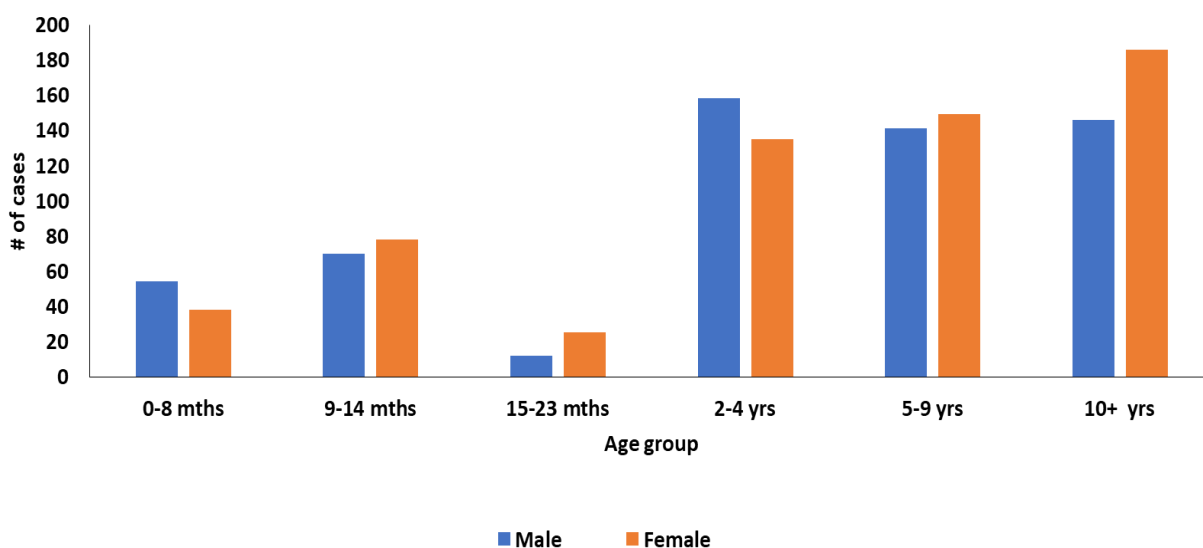


Figure 3: Suspected Measles Cases by Age group and Sex, Liberia Epi week 1-27, 2024

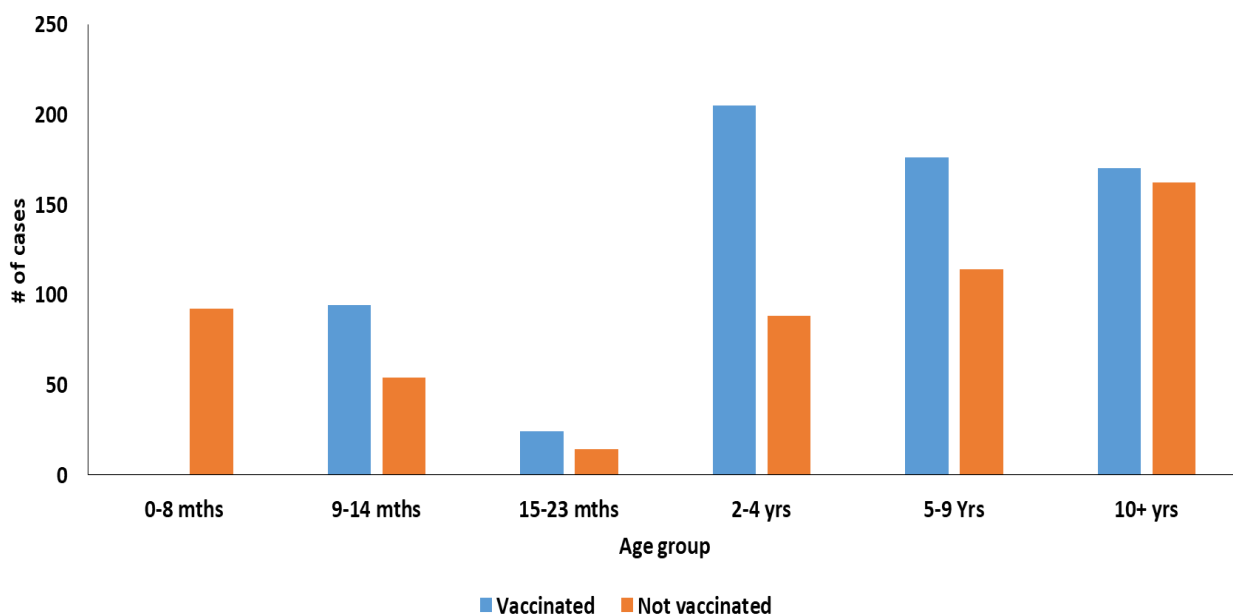


Figure 4: Suspected Measles Cases by Age Group and Vaccination Status, Liberia, Epi-Week 1-27, 2024

Table 4: Status of Confirmed Measles Cases by County, Liberia, December 13, 2021-July 7, 2024

County	Total Cases	Active	Recovery	Deaths	# of Districts
Montserrado	5,373	0	5,304	69	0/7
Nimba	1305	6	1,292	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	1,314	2	1301	0	3/6
Lofa	292	0	292	0	0/6
Grand Kru	1,097	1	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	64	0	59	0	1/5
Grand Gedeh	602	0	603	0	1/6
River Gee	135	1	133	0	2/6
Sinoe	247	0	247	0	0/10
Total	13,152	10	13,047	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	CF R (%)	# CONFIRMED MED CASES WEEK 26	# CONFIRMED CASES WEEK 27	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	1,330	1,305	59	322	924	0	1	3	4	0.4	3	6	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	1323	1314	33	391	890	0	0	0	0	0	4	2	Ongoing
Grand Gedeh	754	604	83	121	400	0	0	0	0	0	1	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	1128	1,097	56	201	840	0	0	2	2	0.2	1	1	Ongoing
Gbarpolu	82	62	7	5	50	0	0	0	0	0	2	0	Ongoing
Rivercess	112	84	26	54	4	0	1	0	1	1.1	0	0	Ended
River Gee	167	134	33	51	50	0	0	0	0	0	2	1	Ongoing
Total	13,805	13,152	691	3,371	9,089	5	68	22	95	7.8	13	10	

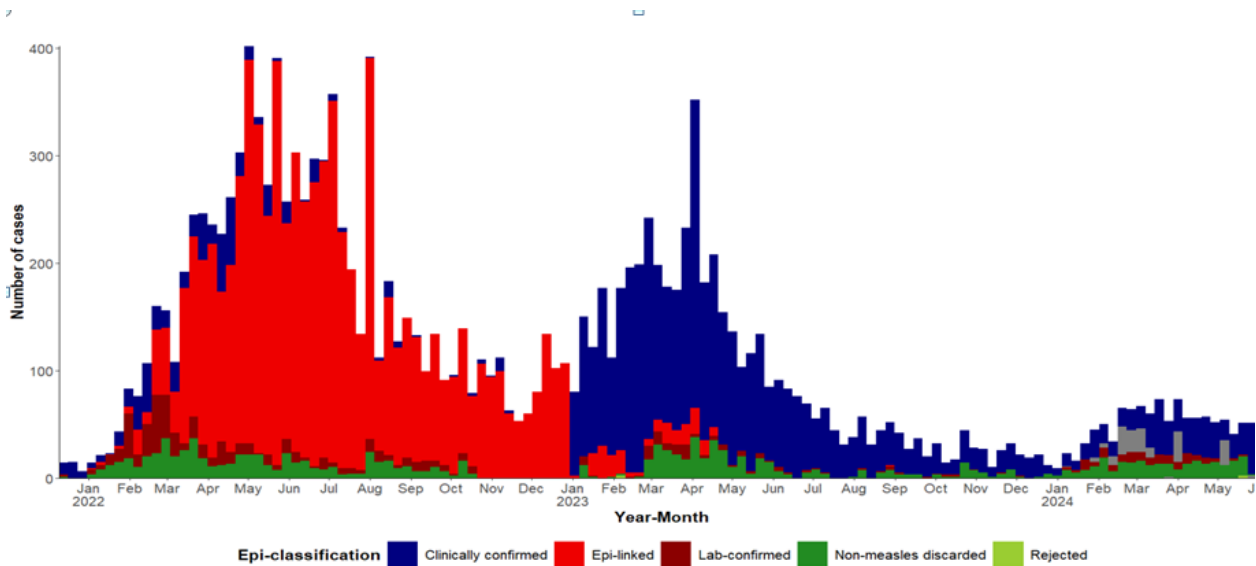


Figure 5: Epi-curve of Measles Cases by Epi-classification, Liberia, 13 December 2021 – 23 June 2024

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
- IMS meetings are being held for coordination and mobilization of resources in affected Counties.

II. Epidemiological Surveillance

- Active case search in affected and surrounding communities ongoing in Grand Kru County
- Total 24 contacts completed follow up in Grand Gedeh County
- End of outbreak report was shared from Putu District, Grand Gedeh County

III. Case management

- Case management ongoing in affected counties

IV. Immunization

- Routine immunization ongoing across the country

V. Laboratory

- The National Public Health Reference Laboratory continues testing of Measles samples
- A total of Six hundred ninety-one (691) cases have been confirmed by the NPHRL from December 13, 2021 – July 10, 2024.

VII. Risk Communication and Community Engagement

- Continual community advocacy meetings with local leaders and family members in the affected communities (Grand Kru).

VIII. Challenges

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

Acute Flaccid Paralysis (AFP)

- ☞ Three (3) cases were reported from Nimba (1), Montserrado (1), and Grand Gedeh (1) Counties
 - All Specimens were collected and shipped
- ☞ Cumulatively, sixty-nine (69) cases have been reported
 - Thirty (30) tested negative, Two (NPENT), 37 pending testing

Neonatal Tetanus

- ☞ One (1) case was reported from Grand Bassa County
- ☞ Cumulatively, Twenty- two (22) cases have been reported including six (6) deaths
- ☞ Adequate case response rate is (7/22) 32%
 - (2/7) 29% Died
 - (13/22) 59% Community detection

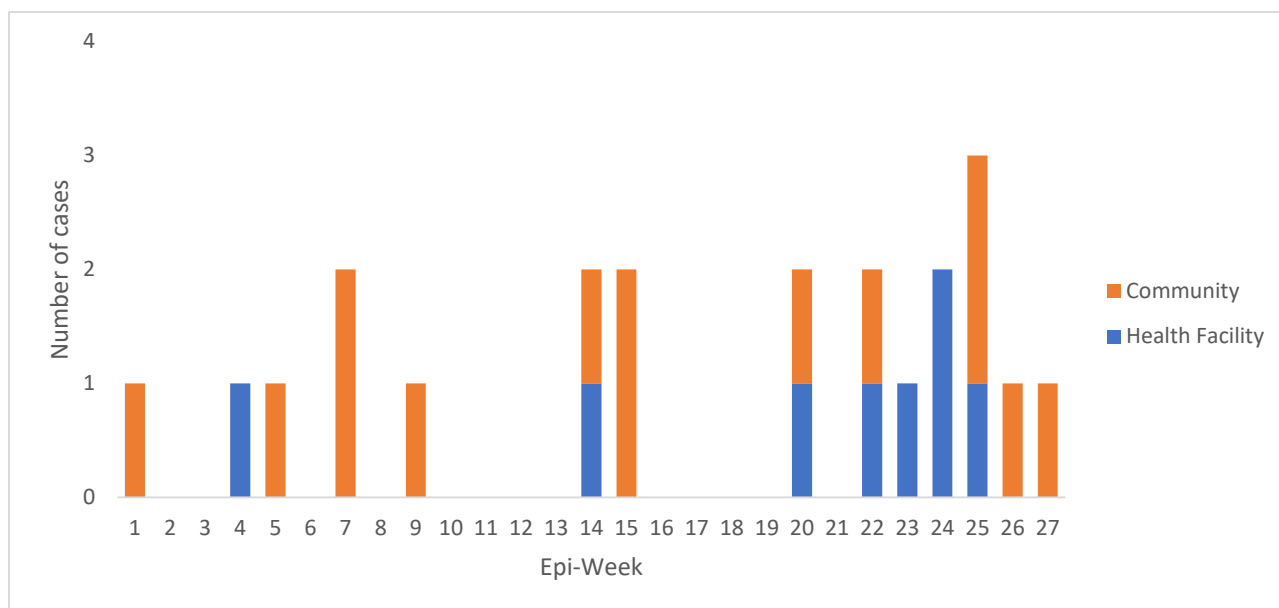


Figure 6: Neonatal Tetanus cases detection by Epidemiological week, Liberia, Epi-week 1-27, 2024

Influenza-Like Illnesses

Coronavirus Disease (COVID-19)

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

Influenza

- ☞ Zero suspected cases were reported
- ☞ Cumulatively, seventy-one (71) suspected cases reported
 - Seventy-one (71) specimens were collected: 65 tested negative, 5 specimens were discarded and one presumptive positive for Influenza B

Viral Hemorrhagic Fever

Lassa fever

- ☞ There (3) suspected cases including (1) death were reported from Nimba, Montserrado and Bong Counties
- ☞ All Specimens were collected: 2 tested negative and 1 pending testing
- ☞ Cumulatively, one hundred nineteen (119) suspected cases have been reported
- ☞ Proportion of suspected cases with sample collected (119/119) 100%
- ☞ Proportion of suspected cases with sample tested (114/119) 96%
 - Fifteen (15) positive including 4 deaths, 99 negative, 1 pending testing and 4 discarded
 - Case fatality rate: (4/15) 27%

Outbreak:

- ☞ No new confirmed case reported
- ☞ All 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-July 7, 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	0	8	17	Countdown
	Suakoko	23-Feb-24	30	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	0	41	17	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	40	Countdown
Nimba	Saclepea-Mah	21-Nov-23	4	2	0	1	0	50%	5	0	0	0	5	Completed	Ended
	Sanniquellie-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	25	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
River Gee	Putupo	25-Nov-22	2	1	0	1	0	100%	14	0	0	0	14	Completed	Ended
Total			487	153	21	45	3	29%	1265	449	61	0	1175		

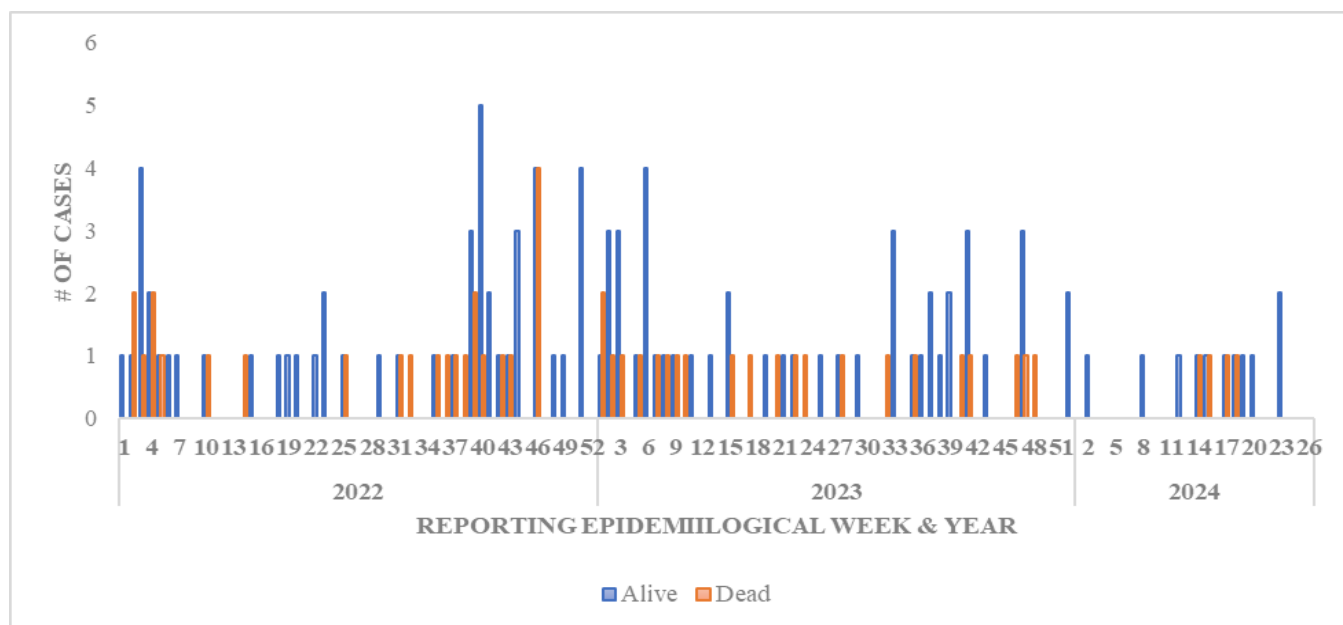


Figure 7: Epi-curve of Confirmed Lassa fever cases, Liberia, January 6, 2022- July 7, 2024

Public Health Measures

I. Coordination

- The National Public Health Institute of Liberia (NPHIL) and the Ministry of Health (MOH) are providing technical support to the surveillance team with support from partners

II. Surveillance

- Active case in the affected counties search ongoing in affected communities and districts
- All contacts completed 21 days follow up
- Weekly sit-reps developed and disseminated to stakeholders

III. Case management and IPC

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

IV. Laboratory

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

Challenges

- Limited supply of IPC materials in affected counties
- Limited logistics (gasoline, communication cards, fuel, etc.) to support active case search and contact tracing
- Lack of stationeries in EOC to produce case alert forms, contact tracing form and others tools for investigations (Bong County)
- Lack of computer for County Surveillance Officer (Bong County)

Yellow Fever

- ☞ Four (4) suspected cases were reported from Grand Cape Mount, Nimba, Rivercess, and Maryland Counties
- ☞ All specimens were collected and pending testing
- ☞ Cumulatively, fifty-eight (58) cases have been reported
 - Proportion of suspected cases with samples collected (55/58) 95%, however, 4 samples pending testing, 1 rejected
 - Proportion of suspected cases with samples tested (50/55) 91%: 49 negative, 1 indeterminate

Dengue

- ☞ zero suspected cases were reported
- ☞ Cumulatively, five (5) suspected cases were reported

Ebola Virus Disease

- ☞ Zero cases reported

Diarrheal Diseases

Acute Bloody Diarrhea (Suspected Shigellosis)

- ☞ Three (3) cases were reported from Grand Cape Mount, Sinoe, and Grand Bassa Counties
- ☞ Two (2) specimens collected: 1 pending testing and 1 rejected
- ☞ Cumulatively, two hundred thirty-four (234) cases have been reported
 - 135 specimens were collected, 108 reached the Lab
 - 88 tested negative, 8 rejected
 - 8 confirmed (*S. flexneri* & *S. sonnei*)
 - 4 pending testing

Severe Acute Watery Diarrhea (Suspected Cholera)

- ☞ Two (2) cases were reported from Margibi, and Grand Bassa Counties
- ☞ All specimens were collected and pending testing
- ☞ Cumulatively, one hundred sixty-six (166) cases have been reported
 - 100 specimens collected, 71 reached the Lab
 - 51 tested negatives, 12 rejected and 8 pending testing

Other Reportable Diseases

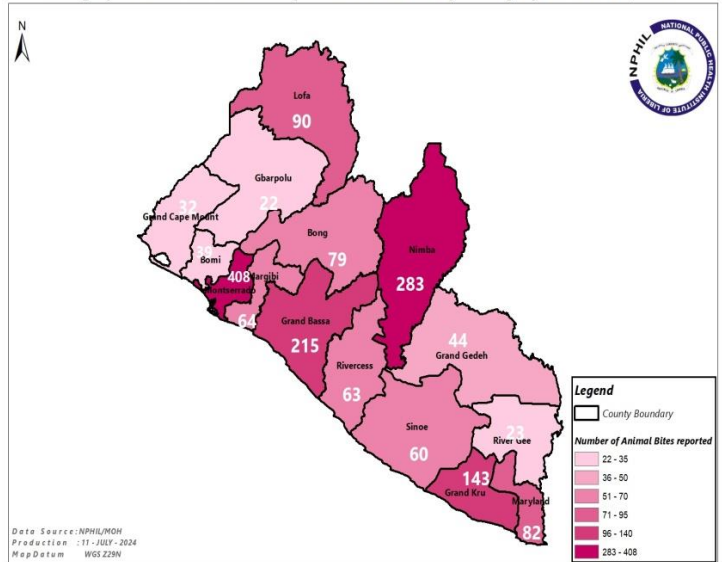
Animal bite (Human Exposure to Rabies)

- ☞ Fifty-three (53) animal bite cases were reported from Montserrado (12), Nimba (12) Bong (6), Grand Bassa (5), Maryland (4), Bomi (3), Margibi (3), Grand Kru (3), Rivercess (2) Lofa (1), Sinoe (1) and

- ☞ Grand Gedeh Counties
- ☞ All bites were attributed to dog
- ☞ Proportion of cases investigated: 20/53 (38%)
- ☞ Proportion of dogs vaccinated: 0/53 (0%)
- ☞ Cumulatively, 1,636 cases have been reported including 2 deaths (Suspected Human Rabies)

Public Health Actions

- ☞ All cases were clinically managed and discharged
- ☞ PEP administered to eight (8) persons (5%) in Bong (3), Montserrado (3), and Lofa (2) Counties
- ☞ PEP supplied to Rivercess, Grand Bassa, Nimba, Montserrado, and Sinoe counties



Meningitis

- ☞ Zero cases were reported
- ☞ Cumulatively, seventeen (17) suspected cases have been reported
 - Proportion of specimen collected (15/17) 88%, 2 specimens not collected
 - Proportion of specimens tested (15/15) 100% (14 negative, 1 positive)

Mpox

- ☞ Three (3) suspected cases were reported from River Gee, Nimba, and Rivercess
- ☞ All specimens were collected: 2 pending testing and 1 rejected
- ☞ Cumulatively, forty-eight (48) suspected cases have been reported with 41 samples collected:
- ☞ Thirty-five (35) tested of which, 5 confirmed positive and 30 negative
 - ☞ 2 rejected, 3 pending testing and 1 discarded

Unexplained cluster of deaths

- ☞ Zero cases reported

An Unexplained Cluster of Health Events

- ☞ Zero cases reported

Other Events of Public Health Importance

Maternal Mortality

- ☞ Ten (10) deaths reported from Montserrado (7), Margibi (1), Nimba (1), and Bong (1) Counties
- ☞ Reported causes: Eclampsia (4), Pre-eclampsia (1), Postpartum hemorrhage (1), Antepartum hemorrhage (1), Sepsis (1), Malaria in pregnancy (1), Respiratory distress (1)
- ☞ Reporting sites:
 - Health facility (10/10) 100%
- ☞ Cumulatively, one hundred seventy-five (175) deaths reported
 - Proportion of deaths reviewed (75/175) 43%

Table 6. Cumulative Maternal Mortality reporting rate and annualized Maternal Mortality per 100,000 live-birth by County, Liberia, Week 1-27, 2024

County	Estimated Annual Live birth (4.3%)	Current week	Cumulative	% of Cumulative Maternal deaths	Annualized Maternal Mortality Ratio/100,000
Grand Bassa	12875	0	16	9.1	239
Montserrado	85821	7	93	53.1	209
Grand Cape Mount	7881	0	6	3.4	147
Margibi	13467	1	10	5.7	143
Nimba	27301	1	20	11.4	141
Maryland	7531	0	5	2.9	128
Bomi	5943	0	3	1.7	97
Lofa	16113	0	8	4.6	96
Rivercess	4083	0	2	1.1	94
Grand Kru	4918	0	2	1.1	78
River Gee	5451	0	2	1.1	71
Grand Gedeh	9690	0	3	1.7	60
Bong	20585	1	4	2.3	37
Sinoe	6646	0	1	0.6	29
Gbarpolu	4169	0	0	0.0	0
Liberia	232474	10	175	100.0	145

Neonatal Mortality

- ☞ Twenty-three (23) deaths were reported from Montserrado (13), Bong (2), Lofa (2), Gbarpolu (2), Margibi (1), Sinoe (1), Grand Gedeh (1), and Maryland (1) Counties
- ☞ Reported causes: Birth asphyxia (15), Sepsis (4), Prematurity (2), Aspiration pneumonia (1), pending investigation (1)
- ☞ Reported sites:
 - Health facility (23/23) 100 %
- ☞ Cumulatively, four hundred fifty-seven (457) deaths reported
 - Proportion of deaths reviewed (128/457) 28%

Table 7. Cumulative Neonatal Mortality reporting rate and annualized Neonatal Mortality per 1,000 live birth by County, Liberia, Week 1-27, 2024

County	Estimated Annual Live birth (4.3%)	Current Week	Cumulative	% of Cumulative Neonatal deaths	Annualized Neonatal Mortality Rate/1,000
Maryland	7347	1	64	14.0	16.8
Grand Kru	3130	0	18	3.9	11.1
Montserrado	62479	13	270	59.1	8.3
Sinoe	5534	1	14	3.1	4.9
Rivercess	3865	0	8	1.8	4.0
Gbarpolu	4507	2	8	1.8	3.4
Grand Gedeh	6770	1	10	2.2	2.8
Bong	18775	2	18	3.9	1.8
Lofa	14911	2	12	2.6	1.5
Nimba	24970	0	19	4.2	1.5
Margibi	11345	1	8	1.8	1.4
River Gee	3610	0	2	0.4	1.1
Bomi	4546	0	2	0.4	0.8
Grand Bassa	11981	0	3	0.7	0.5
Grand Cape Mount	6868	0	1	0.2	0.3
Liberia (National)	190636	23	457	100.0	4.6

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

- ☞ Fifteen (15) cases were reported from Sinoe (11), Lofa (1), River Gee (1), Nimba (1), and Gbarpolu (1) Counties
- ☞ All were classified as non-serious
- ☞ Related vaccine:
 - Malaria (3/15) 20%
 - Penta (3/15) 20%
 - Measles (2/15) 13%
 - BCG (1/15) 7%
- ☞ Cumulatively, six hundred twenty-three (623) events were reported and all were classified as non-serious.

Neglected Tropical Diseases

YAWS

- ☞ Zero cases were reported

Buruli Ulcer

- ☞ Zero cases were reported

Border Surveillance Update

A total of 5592 travelers were recorded from eight (8) designated out of Forty-five (45) official POEs with incoming travelers accounting for 52% (2901/5625)

Table 8: Border activity at the PoE for incoming and outgoing travelers, Liberia, Epi week 27

Type of Ports	Point of Entry	Weekly total	Arrival	Departure	Total travelers with YB	Yellow Book Damage	Card Replaced	Travelers Vaccinated against YF & Issued book	Alerts detected/ Verified
Airport	James S. Paynes	36	14	22	5	0	0	0	0
	Robert Int'l Airport	3940	2048	1892	3856	11	19	0	0
Seaport	Freeport of Monrovia	422	211	211	0	0	0	0	0
	Buchanan Port	134	67	67	134	0	0	0	0
Ground Crossing	Bo Water Side	504	273	231	486	0	13	5	0
	Ganta	157	102	55	85	0	0	0	0
	Yekepa	48	29	19	9	0	0	0	0
	Loguatu	384	157	227	365	0	0	0	0
Total		5,625	2901	2724	4940	11	32	5	0

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	Manyland	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	0	1	0	0	0	0	1	1	0	0	0	3	69	0	
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Measles	A	0	0	0	0	1	1	1	3	0	9	2	6	0	3	1	27	1,208	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	1	0	0	0	0	0	0	0	0	0	0	0	1	22	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0
	Yellow fever	A	0	0	0	0	1	0	0	0	0	1	0	1	1	0	0	4	58	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	0	0	0	0	0	0	0	0	5	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	1	0	0	0	0	0	0	0	0	1	1	0	0	0	3	119	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	3	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	0	0	0	0	0	0	0	71	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	1	0	0	0	0	0	0	0	0	0	1	3	234	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	0	0	1	0	0	0	0	1	0	0	0	0	0	0	2	166	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Events of Public Health In	Maternal Mortality	D	0	1	0	0	0	0	0	0	1	7	1	0	0	0	10	175		
		D	0	2	2	0	0	1	0	2	1	1	13	0	0	0	1	23	457	
	AEFI	A	0	0	1	0	0	1	0	1	0	0	0	1	0	0	11	15	623	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	1	0	0	0	0	0	1	1	0	0	3	48	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	3	6	0	5	0	0	3	1	3	4	12	12	2	0	1	53	1,636	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	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		3	10	3	8	0	5	0	7	0	16	0	24	0	3	15	147	4943	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

Epidemiological bulletin published with support from WHO and CDC

For comments or questions, please contact

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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.