



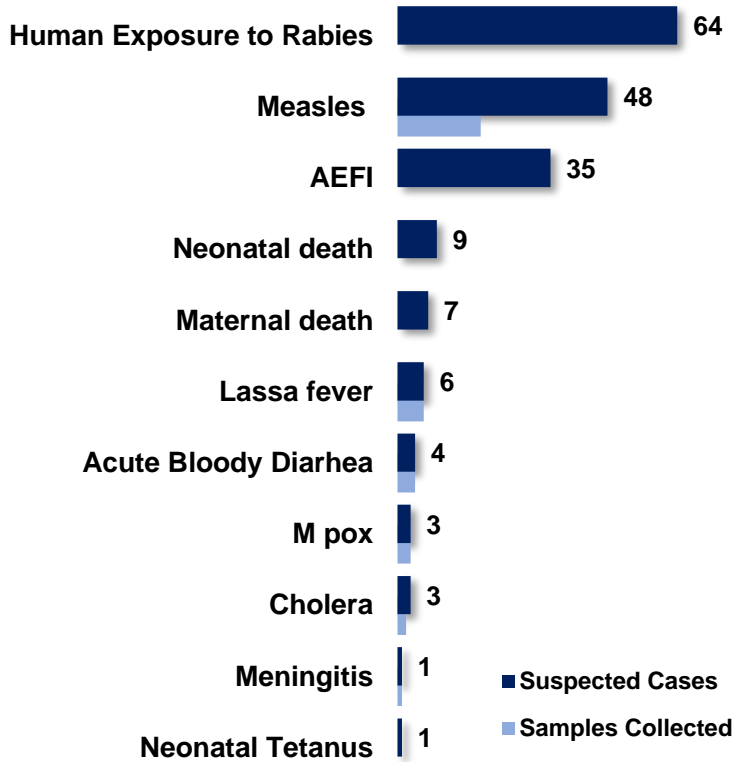
Liberia IDSR Epidemiology Bulletin

Epi-week 18 (April 29-May 5, 2024)

Country Population: 5,104,413 || Volume 20 Issue 18 || April 29-May 05, 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 181 events of public health importance including 17 deaths reported
- ◆ Completeness and timeliness of health facility reports were both 99%
- ◆ Ongoing Lassa fever outbreak in four Counties
- ◆ Ongoing Measles outbreak in seven Counties

Adverse Events Following Immunization/Adverse Drug Reaction (AEFI)

Reporting Coverage

Table 1: Health Facility Weekly IDSR Reporting Coverage, Liberia, Epi-week 18, 2024

County	Expected Reports from HF*	Reports Received	Received on Time	Completeness (%)	Timeliness (%)
Bomi	29	29	29	100	100
Bong	66	65	65	98	98
Gbarpolu	18	18	18	100	100
Grand Bassa	38	38	38	100	100
Grand Cape Mount	36	36	36	100	100
Grand Gedeh	25	25	25	100	100
Grand Kru	25	25	25	100	100
Lofa	60	60	60	100	100
Margibi	62	62	62	100	100
Maryland	27	27	27	100	100
Montserrado	391	385	385	98	98
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	962	955	955	99	99

955 (99%)
Health facilities reported IDSR data

98(100%)
Health districts reported IDSR data

948(99%)
Health facilities reported timely IDSR data

◆ The national target for weekly IDSR reporting is 80%. Health facility timeliness is monitored at the health district level

Legend:



Vaccine-Preventable Diseases

Measles

- ☞ Forty-eight (48) suspected cases were reported (see table below)
 - Nineteen (19) specimens were collected and pending testing
 - The proportion of suspected cases vaccinated (29/48) 60%
- ☞ Cumulatively, eight hundred seventy-eight (878) cases reported
 - Proportion of suspected cases with sample collected (374/878) 43%
 - Proportion of suspected cases with sample tested (287/374) 77% (negative 180, confirmed 107)
 - Proportion of negative Measles cases tested for Rubella (171/180) 95% (negative 153, confirmed 18)

Table 2: Distribution and Vaccination Status of Measles Cases, Liberia, Epi-week 18, 2024

County	Vaccinated	Number of Doses Received		
		One Dose	Two Doses	Doses not indicated
Bong	1	1	0	0
Gbarpolu	1	1	0	0
Grand Gedeh	3	3	0	0
Grand Kru	2	2	0	0
Maryland	2	1	1	0
Montserrado	2	2	0	0
Nimba	11	3	0	8
River Gee	2	0	0	2
Rivercess	0	0	0	0
Sinoe	4	4	0	0
Total	28 (58%)	17	1	10

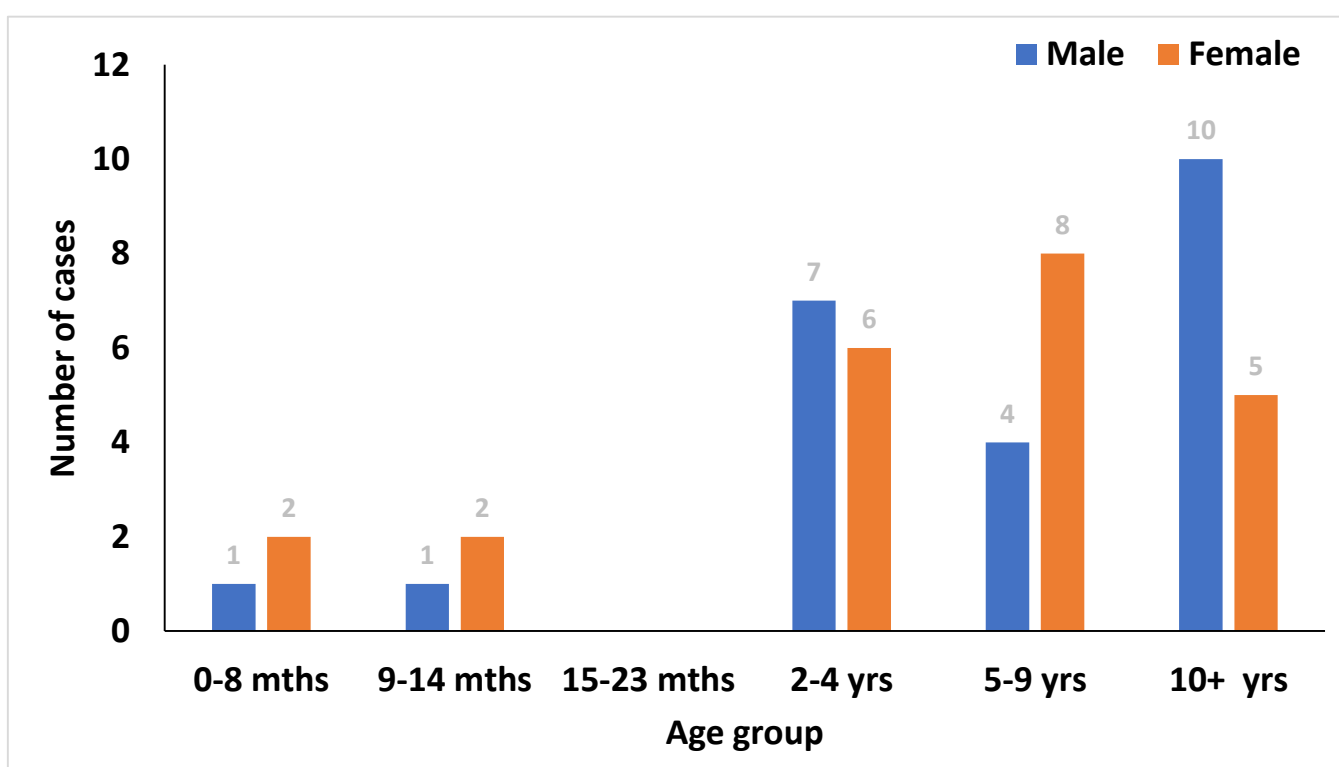


Figure 2: Suspected Measles Cases by Age group and Sex, Liberia Epi week 18, 2024

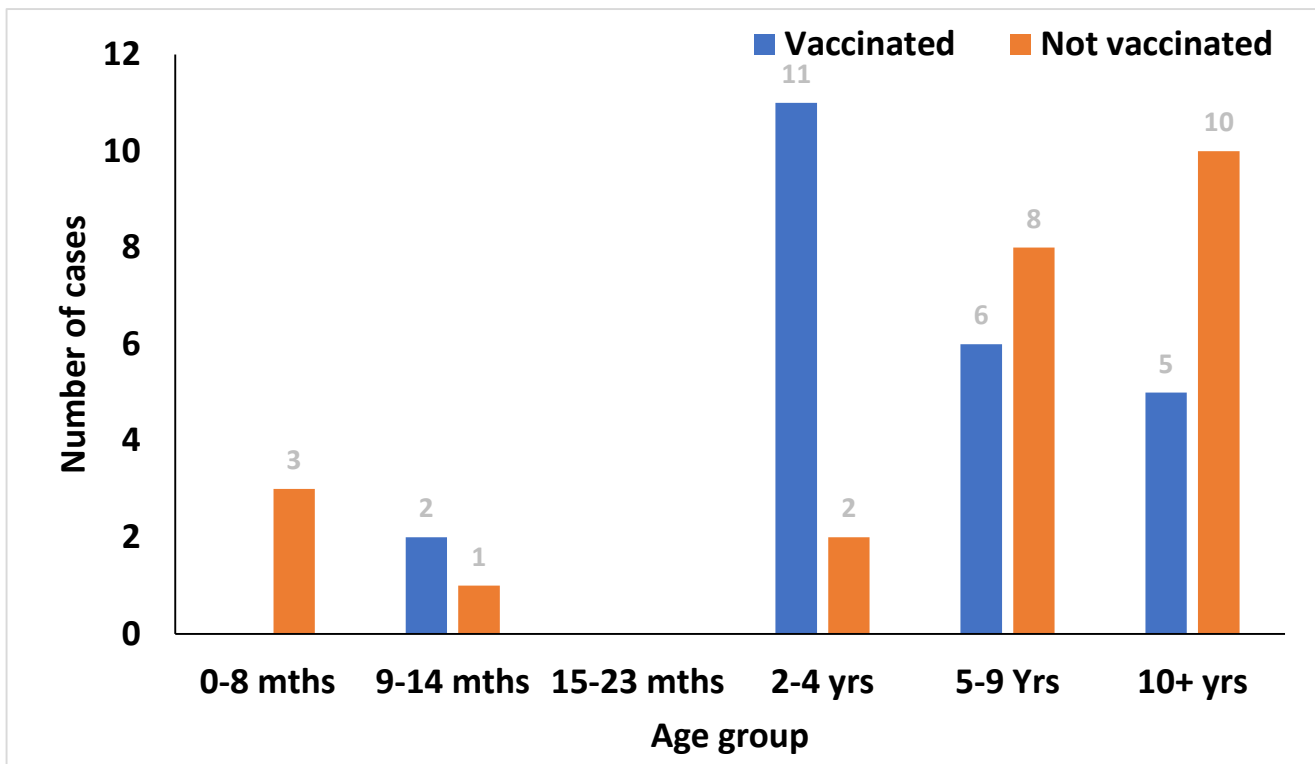


Figure 3: Suspected Measles Cases by Age Group and Vaccination Status, Liberia, Epi-Week 18, 2024

Table 3: Status of Confirmed (lab, clinically confirmed, and epi-linked) Measles Cases by County, Liberia, December 13, 2021- May 5, 2024

COUNTY	CUMULATIVE SUSPECTED CASES	CUMULATIVE CONFIRMED CASES	CLASSIFICATION OF CONFIRMED CASES			CLASSIFICATION OF CONFIRMED DEATHS			CUMULATIVE DEATHS	CFR (%)	# CONFIRMED CASES WEEK 15	# CONFIRMED CASES WEEK 16	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	1,232	1,207	59	239	909	0	1	3	4	0.4	9	9	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	358	289	35	66	188	0	0	0	0	0	0	5	Ongoing
Bong	603	578	25	21	532	0	1	2	3	0.5	0	0	Ended
Maryland	1270	1260	30	343	887	0	0	0	0	0	7	3	Ongoing
Grand Gedeh	718	570	64	111	395	0	0	0	0	0	1	2	Ongoing
Sinoe	289	236	48	84	104	0	0	0	0	0	5	0	Ongoing
Bomi	183	147	37	27	83	1	2	2	5	3	0	0	Ended
Grd Cape Mt	215	187	23	18	146	0	2	1	3	1.6	0	0	Ended
Grand Kru	1101	1,071	49	190	832	0	0	2	2	0.2	8	6	Ongoing
Gbarpolu	67	46	5	2	39	0	0	0	0	0	0	0	Ended
Rivercess	112	84	26	54	4	0	1	0	1	1.1	0	0	Ended
River Gee	143	112	30	32	50	0	0	0	0	0	5	5	Ongoing
Total	13,536	12,887	657	3,193	9,037	5	68	22	95	7.8	35	30	

Table 4: Status of Confirmed Measles Cases by County, Liberia, December 13, 2021 - May 5, 2024

County	Total Cases	Active	Recovery	Deaths	# of Districts
Montserrado	5,373	0	5,304	69	0/7
Nimba	1,219	12	1,203	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	1,275	12	1263	0	3/6
Lofa	294	0	294	0	1/6
Grand Kru	1,074	2	1070	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	46	0	46	0	0/5
Grand Gedeh	573	2	571	0	2/6
River Gee	114	2	112	0	1/6
Sinoe	234	2	232	0	1/10
Total	12,925	32	12,798	95	15/98

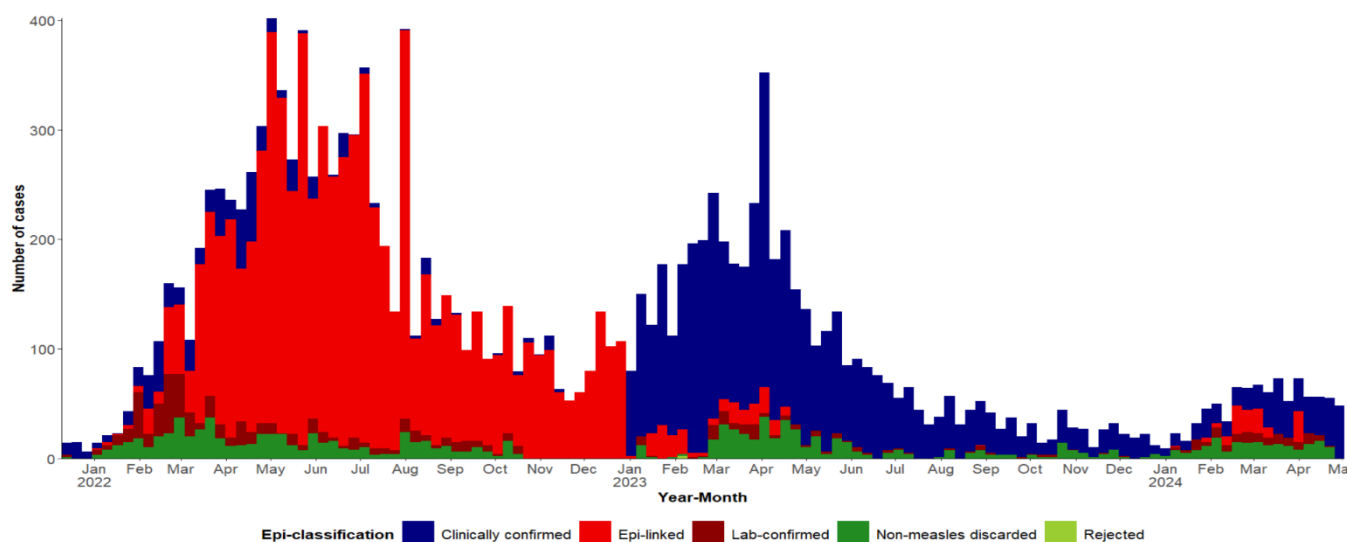


Figure 4: Epi-curve of Measles Cases by Epi-classification, Liberia, 13 December 2021 – 5 May 2024

PUBLIC HEALTH RESPONSE

I. Coordination

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

II. Epidemiological Surveillance

- Active case search and contact tracing ongoing in affected Counties/Districts; Maryland (Pleebo, Karluway-II, and Harper), River Gee (Sarbo), Nimba (Saclepea-Mah, Zoe-Geh, Yarwin Mehnsonnoh,

and Boe-Quilla), Grand Kru (Buah, Dorbor, Trench, and Barclayville) Lofa (Voinjama), and Grand Gedeh (Konobo).

III. Case management

- Cases are being treated with Paracetamol, Amoxicillin/Erythromycin/Azithromycin, Vitamin A, Tetracycline eye ointment, Paracetamol/Ibuprofen/Diclofenac and Calamine Lotion.

IV. Immunization

- Routine immunization intensified in affected districts (Pleebo, Harper, Karluway-II, Konobo, Buah, Dorbor, Barclayville, Saclepea-Mah, Yarwin Mehnsonnoh, Zoe-Geh, Voinjama, and Boe-Quilla Kpanyan, and Sarbo) in Maryland, Grand Gedeh, Grand Kru, Nimba, Lofa, Sinoe, and River Gee Counties.

V. Laboratory

- Six hundred six-two (662) cases have been confirmed by the NPHRL from December 13, 2021 – May 5, 2024.

VI. Risk Communication and Community Engagement

- Continual community advocacy meetings with local leaders and family members in the affected communities.
- Awareness and health education ongoing on the spread and prevention of Measles ongoing at health facility and community
- Community engagement meetings in the affected communities ongoing

Challenges

- No support for radio talk show (Grand Kru County)
- Limited supply of essential medications and medical supplies for case management
- Insufficient essential medications such as; Amoxicillin, Erythromycin, Vitamin A, Calamine Lotion and Tetracycline eye ointment.

Acute Flaccid Paralysis (AFP)

- ☞ Two (2) cases were reported from Grand Gedeh County
- ☞ Specimens were collected and 2 shipped
- ☞ Cumulatively, thirty-two (32) cases have been reported
 - Fourteen (14) tested negative, One (NPENT), 17 pending testing

Neonatal Tetanus

- ☞ One (1) case was reported from Grand Kru County
- ☞ Cumulatively, ten (10) cases have been reported including four (4) deaths

Influenza-Like Illnesses

Coronavirus Disease (COVID-19)

- ☞ Zero suspected cases were reported
- ☞ Cumulatively, two (2) cases have been reported

Influenza

- ☞ Zero cases were reported
- ☞ Cumulatively, seventy (70) suspected cases reported
 - Seventy (70) specimens were collected: 65 tested negative, 5 specimens were discarded

Viral Hemorrhagic Fever

Lassa fever

- ☞ Eight (8) suspected cases were reported from Bong (3), Nimba (2 including 1 death), Grand Kru (1), Bomi (1), and River Gee (1) Counties
 - All specimens were collected and tested: 2 positives including 1 death, 5 negative and 1 pending testing
- ☞ Cumulatively, eighty (80) suspected cases have been reported

- Proportion of suspected cases with the sample collected (80/80) 100%
- Proportion of suspected cases with sample tested (77/80) 96%
 - Confirmed 11 including 4 deaths, negative 66, and 3 discarded, 1 pending testing
 - Case fatality rate: (4/11) 36%

Outbreak

- ☞ Two (2) new confirmed cases including one death reported
- ☞ Eleven (11) contacts including 7 healthcare workers line-listed
- ☞ Total of 114 contacts including 26 HCWs line-listed
 - Fifty-two (52) contacts under 21 days of follow-up
- ☞ A total of 149 confirmed cases including 45 deaths reported
- ☞ Cumulative Case Fatality Rate (CFR): 30% (45/149)
- ☞ Four counties are currently in outbreak

Table 5: Summary of Lassa fever Outbreak, Liberia, January 6, 2022- May 5, 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	Over
	Central Monrovia	27-Nov-23	1	2	0	1	0	50%	49	0	0	0	49	Completed	Over
	Central Monrovia	3-Mar-23	38	2	0	1	0	50%	28	27	0	0	28	Completed	Over
	Bushrod	30-Apr-24	2	1	0	0	0	0%	14	6	0	14	0	Active	Ongoing
Bong	Suakoko	21-Apr-23	192	54	18	13	2	24%	496	114	6	0	417	Completed	Over
	Jorquelleh	15-Oct-23	14	6	3	1	1	17%	121	86	3	0	169	Completed	Over
	Suakoko	23-Feb-24	13	3	0	0	0	0%	29	14	0	8	16	Active	Ongoing
	Salala	8-Mar-24	2	2	0	1	0	50%	21	0	0	0	21	13	Countdown
	Jorquelleh	11-Apr-24	2	1	0	1	0	0%	22	17	0	0	22	8	Countdown
Grand Bassa	District 3A&B	21-Aug-23	87	44	0	10	0	23%	177	40	40	0	159	Completed	Over
	Buchanan	11-Aug-23	2	1	0	1	0	100%	4	2	0	0	4	Completed	Over
	District 3A&B	30-Apr-24	2	1	0	1	0	100%	5	3	0	5	0	Active	Ongoing
Nimba	Saclepea-Mah	21-Nov-23	4	2	0	1	0	50%	5	0	0	0	5	Completed	Over
	Sanniquellie-Mah	6-Feb-23	42	15	0	6	0	40%	43	35	8	0	43	Completed	Over
	Tappita	20-Nov-23	12	5	0	3	0	60%	88	39	4	0	77	Completed	Over
	Bain-Garr	1-Jun-23	24	6	0	3	0	50%	61	25	0	0	31	Completed	Over
	Bain-Garr	15-Apr-24	3	2	0	1	0	50%	25	7	0	25	0	Active	Ongoing
River Gee	Putupo	25-Nov-22	1	1	0	1	0	100%	14	0	0	0	14	Completed	Over
Total			458	149	21	45	3	30%	1231	436	61	52	1084		

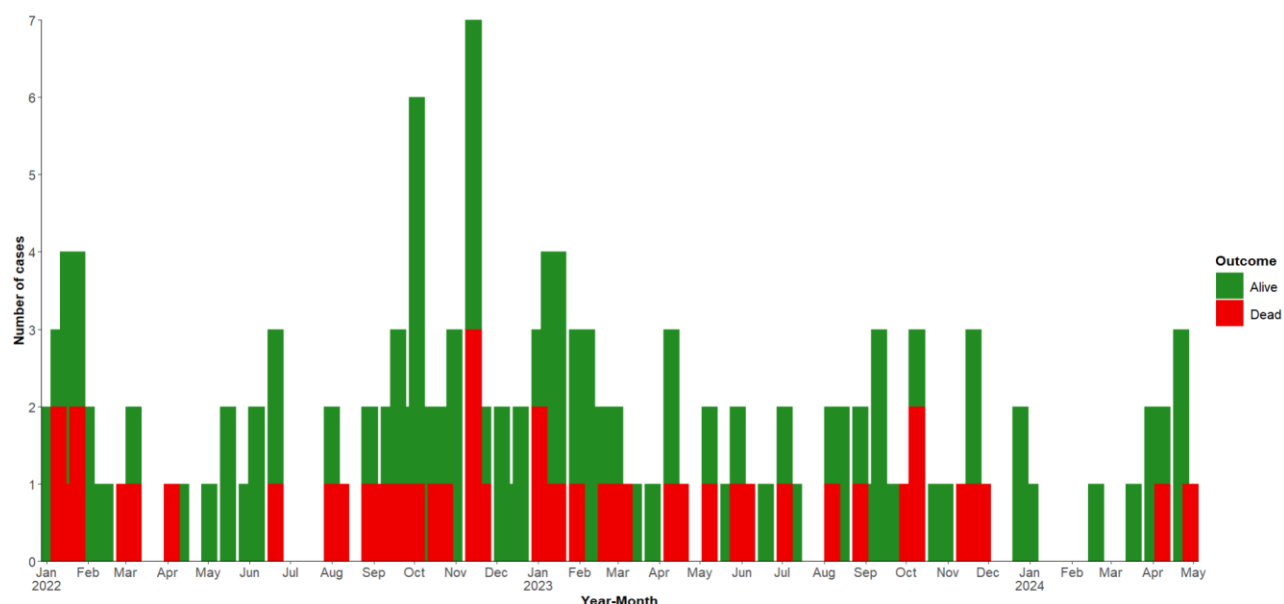


Figure 5: Epi-curve of Confirmed Lassa fever cases, Liberia, January 30, 2022- May 5, 2024

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 search ongoing in affected communities and districts
- Eleven (11) contacts including 7 HCWs line listing and under 21 days follow ongoing
- Weekly sit-reps developed and disseminated to stakeholders

III. Laboratory

- The National Public Health Reference Laboratory continues testing of Lassa fever samples
- A total of 1479 Lassa fever cases have been confirmed since this outbreak

IV. Case management and IPC

- Ribavirin supply in the country is being distributed for treatment of Lf cases to affected counties
- Cases were with treated with Ribavirin

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 county

Yellow fever

- ☞ Zero suspected cases was reported
- ☞ Cumulatively Thirty-six (36) cases have been reported
 - Proportion of suspected cases with samples collected (35/36) 97%, however, 3 samples were discarded*
 - Proportion of suspected cases with samples tested (29/35) 83% (negative 29)
 - Three (3) samples pending testing

Dengue

- ☞ Zero cases were reported
- ☞ Cumulatively, three (3) suspected cases were reported

Ebola Virus Disease

- ☞ Zero cases have been reported

Diarrheal Diseases

Acute Bloody Diarrhea (Suspected Shigellosis)

Four (4) cases were reported from Sinoe (2), Nimba (1), and Montserrado (1) Counties

- Three (3) specimens were collected and pending testing
- ☞ Cumulatively, one hundred fifty-five (155) cases have been reported
 - 78 specimens collected, 59 reached the Lab
 - 44 tested negative, 3 rejected, 12 pending testing

Severe Acute Watery Diarrhea (Suspected Cholera)

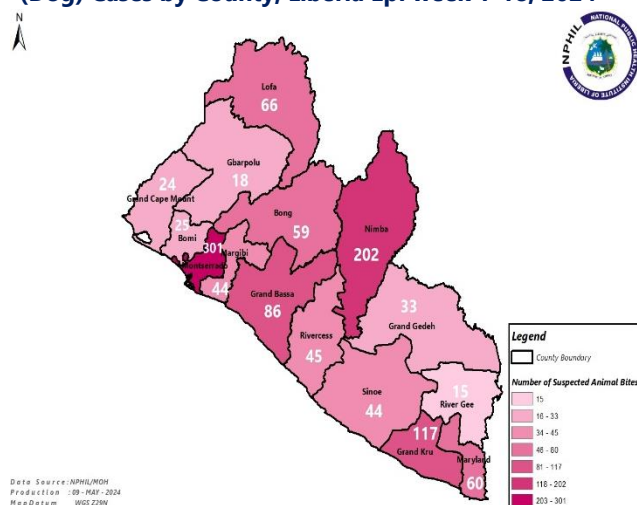
- ☞ Three (3) cases were reported from Bong (1), River Gee (1), and Sinoe (1) Counties
 - Two (2) specimens were collected and pending testing
- ☞ Cumulatively, one hundred eight (108) cases have been reported
 - 59 specimens collected, 36 reached the Lab
 - 23 tested negative, 3 rejected, and 10 pending testing

Other Reportable Diseases

Animal bite (Human Exposure to Rabies)

- ☞ Sixty-four (64) animal bite cases were reported from Montserrado (18), Nimba (10), Grand Bassa (6), Maryland (6), Grand Kru (4), Rivercess (4), Margibi (3), Grand Gedeh (3), Sinoe (3), Bong (2), River Gee (2), Lofa (2), and Grand Cape Mount (1) Counties
- ☞ All bites were attributed to dog
- ☞ Proportion of cases investigated: 12/64 (19%)
Proportion of dogs vaccinated: 0/12 (0%)
- ☞ Cumulatively, 1,154 cases have been reported

Distribution of Human Exposure to Animal bites (Dog) Cases by County, Liberia Epi week 1-18, 2024



Public Health Actions

- ☞ Twenty-three dogs were restrained and underwent 10-14 days
- ☞ All cases were investigated only by the human health surveillance team
- ☞ PEP Administered to 12 persons (19%): Montserrado, Lofa, Maryland, Grand Bassa, Sinoe, and Bong Counties
- ☞ Twenty-five (25) dogs were restrained and underwent 10-14 days' follow-up
 - All cases were investigated only by the human health surveillance team

Meningitis

- ☞ One (1) suspected case was reported from Grand Bassa County
- ☞ Specimen was collected and tested negative
- ☞ Cumulatively, fifteen (15) suspected cases have been reported
 - Proportion of specimen collected (13/15) 87%, 2 specimens not collected
 - Proportion of specimens tested (11/13) 85% (10 negative, 1 positive)

Mpox

- ☞ Three (3) suspected cases were reported from Nimba (2), and River Gee (1) Counties
- ☞ Three specimens were collected and pending testing
- ☞ Cumulatively, thirty-three (33) suspected cases have been reported with 28 sample collected, of which, 4 tested positive, 18 negative, and 1 rejected with 5 pending testing.

Unexplained cluster of deaths

- ☞ Zero case reported

Unexplained cluster of Health Events

- ☞ Zero case reported

Other Events of Public Health Importance

Maternal Mortality

- ☞ Seven (7) deaths were reported from Montserrado (5), Grand Gedeh (1), and Grand Cape Mount (1) Counties
- ☞ Reported causes: Sepsis (2), Eclampsia (2), pending investigation (2), and PPH (1)
- ☞ Reporting sites
 - Health facility (7/7) 100%
- ☞ Cumulatively, one hundred four (104) deaths reported
 - Proportion of deaths reviewed (29/104) 28%.

Neonatal Mortality

- ☞ Nine (9) deaths were reported from Montserrado (6), Grand Kru (2), and Nimba (1) Counties
- ☞ Reported causes: Birth asphyxia (7), and Neonatal sepsis (2)
 - Reported sites:
 - All deaths occurred in the health facility
- ☞ Cumulatively, two hundred eighty-seven (287) deaths reported
 - Proportion of deaths reviewed (55/287) 19%

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

- ☞ Thirty-three (33) cases were reported from Sinoe (13), Grand Cape Mount (8), and Gbarpolu (4), Grand Gedeh (2), Bomi (2), Montserrado (2), River Gee (1), and Lofa (1) Counties
- ☞ All reported cases were classified as non-serious
- ☞ Related vaccine:
 - Penta (19/33) 58%
 - Measles (6/33) 18%
 - BCG (3/33) 9%
 - Others (5/33) 15%
- ☞ Cumulatively, Four hundred seventeen (417) 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 5102 travelers were recorded for the week with incoming travelers accounting for 54% (2767/5102)

Table 6: Border activity at the PoE for incoming and outgoing travelers, Liberia, Epi week 18

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	81	38	43	5	0	0	0	0
	Robert Int'l Airport	4112	2209	1903	4058	1	54	0	0
Seaport	Freeport of Monrovia	196	98	98	196	0	0	0	0
	Buchanan Port	42	21	21	42	0	0	0	0
Ground Crossing	Bo Water Side	403	254	149	385	0	18	0	0
	Ganta	90	61	29	71	0	0	0	0
	Yekepa	59	33	26	7	0	0	0	0
	Loguatu	119	53	66	83	0	0	0	0
Total		5,102	2,767	2,335	4,847	1	72	0	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	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	0	2	0	0	0	0	0	0	0	0	0	0	2	36	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Measles	A	0	1	2	0	0	6	2	0	0	12	2	15	1	3	4	48	929	107
		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	1	0	0	0	0	0	0	0	0	1	10	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
	Yellow fever	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	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	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	1	3	0	0	0	0	1	0	0	0	0	1	0	1	0	7	78	8
		D	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	7	4
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	0	0	0	0	0	0	0	69	6
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
Diarrheal Disease	Acute Bloody Diarrhoea (Shigellosis)	A	0	0	0	0	0	0	0	0	0	1	1	0	0	2	4	154	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	0	0	0	0	0	0	1	1	3	118	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	0	1	1	0	0	0	0	5	0	0	0	0	7	109		
		D	0	0	0	0	0	0	2	0	0	6	1	0	0	0	9	299		
	AEFI	A	2	0	4	0	8	2	0	1	0	2	0	0	1	13	33	431	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	2	0	1	0	3	36	5	
		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	2	0	6	1	3	4	2	3	6	18	10	4	2	3	64	1,204	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	1	0	0	0	0	0	0	0	0	0	0	0	1	15	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	183	3563	136	

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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For comments or questions, please contact

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National Public Health Institute of Liberia (NPHIL)

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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.