



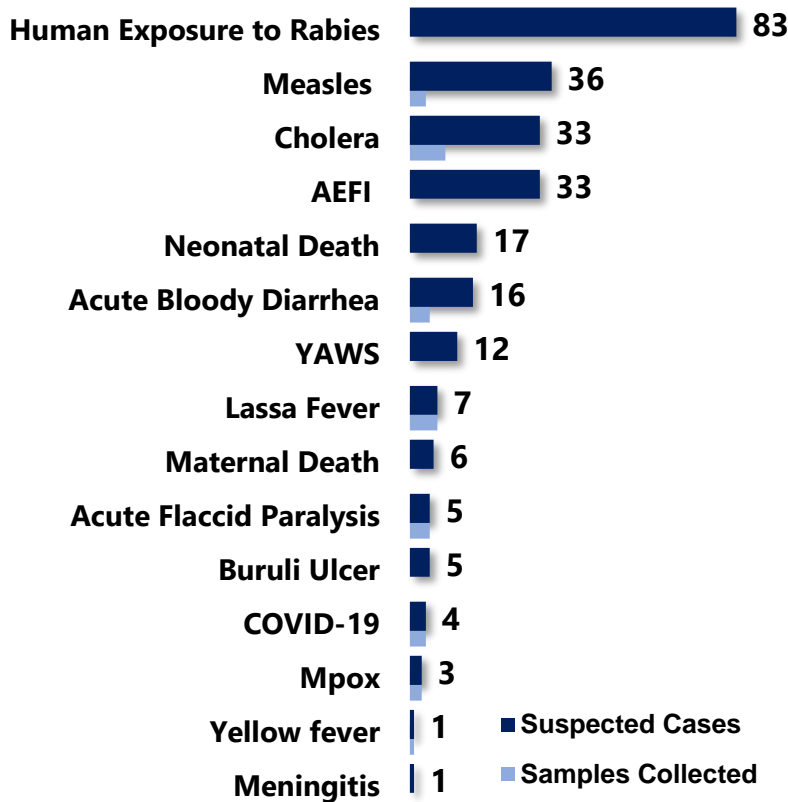
Liberia IDSR Epidemiology Bulletin

Epi-week 38 (September 18-24, 2023)

Country Population: 5,104,413 | Volume 19 Issue 38 | September 18-24, 2023 | 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 262 events of public health importance including 23 deaths reported
- ◆ Completeness and timeliness of health facility reports were both 97%
- ◆ Ongoing Lassa fever outbreak in 3 Counties
- ◆ Ongoing Measles outbreak in 7 Counties

Adverse Events Following Immunization/Adverse Drug Reaction (AEFI)

Reporting Coverage

Table 1: Health Facility Weekly IDSR Reporting Coverage, Liberia, Epi-week 38, 2023

County	Expected Reports From HF*	Reports Received	Received on Time	Completeness (%)	Timeliness (%)
Bomi	28	28	28	100	100
Bong	67	67	67	100	100
Gbarpolu	18	18	18	100	100
Grand Bassa	37	37	37	100	100
Grand Cape Mount	34	34	34	100	100
Grand Gedeh	24	24	24	100	100
Grand Kru	24	24	24	100	100
Lofa	60	60	60	100	100
Margibi	66	66	66	100	100
Maryland	28	28	28	100	100
Montserrado	418	394	394	94	94
Nimba	92	92	92	100	100
Rivercess	21	21	21	100	100
River Gee	20	20	20	100	100
Sinoe	41	41	41	100	100
Liberia	978	954	954	97	97

954(97%)
Health facilities reported IDSR data

98(100%)
Health districts reported IDSR data

954 (97%)
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
- ◆ All counties reported on time to the national level

Legend:



Vaccine-Preventable Diseases

Measles

- ☞ Thirty-six (36) suspected cases were reported from 12 Counties (see distribution in Table 2)
- ☞ Four (4) specimens were collected and pending testing
- ☞ Seventeen (17) were vaccinated (see distribution in Table 3)

Table 2: Distribution of Measles cases per county and epi-classification, Liberia, Epi week 38, 2023

COUNTY	CUMULATIVE # SUSPECTED CASES	CUMULATIVE # CONFIRMED CASES	CLASSIFICATION OF CONFIRMED CASES			DEATHS	CFR (%)	# CONFIRMED CASES WEEK 37	# CONFIRMED CASES WEEK 38	% CHANGE
			Lab confirmed	Epi Linked	Clinically Compatible					
Bomi	79	68	2	13	53	0	0.0	1	1	0
Bong	208	208	2	6	200	1	0.5	1	0	-100
Gbarpolu	40	39	0	0	39	0	0.0	0	2	0
Grand Bassa	174	171	0	0	171	0	0.0	0	1	0
Grand Cape Mount	75	67	1	2	64	0	0.0	0	1	0
Grand Gedeh	393	349	6	27	316	0	0.0	5	4	-20
Grand Kru	735	729	10	72	647	2	0.3	0	1	0
Lofa	131	123	0	0	123	0	0.0	2	2	0
Margibi	201	199	1	8	190	0	0.0	0	0	0
Maryland	700	698	0	0	698	0	0.0	6	9	50
Montserrado	1081	1073	4	53	1016	2	0.2	3	5	67
Nimba	359	350	2	33	315	3	0.9	4	8	100
River Gee	137	111	1	0	110	0	0.0	0	1	0
Rivercess	35	30	1	0	29	0	0.0	1	0	-100
Sinoe	138	119	6	11	102	0	0.0	4	1	-75

Table 3: Vaccination Status of Measles Cases, Liberia, Epi-week 38, 2023

County	Vaccinated	Number of Doses Received		
		One Dose	Two Doses	Doses Not Indicated
Bomi	1	1	0	0
Bong	0	0	0	0
Gbarpolu	0	0	0	0
Grand Bassa	0	0	0	0
Grand Cape Mount	1	1	0	0
Grand Gedeh	1	1	0	0
Grand Kru	0	0	0	0
Lofa	2	1	0	1
Margibi	0	0	0	0
Maryland	1	1	0	0
Montserrado	5	4	1	0
Nimba	6	6	0	0
River Gee	0	0	0	0
Rivercess	0	0	0	0
Sinoe	0	0	0	0
National	17	15	1	1

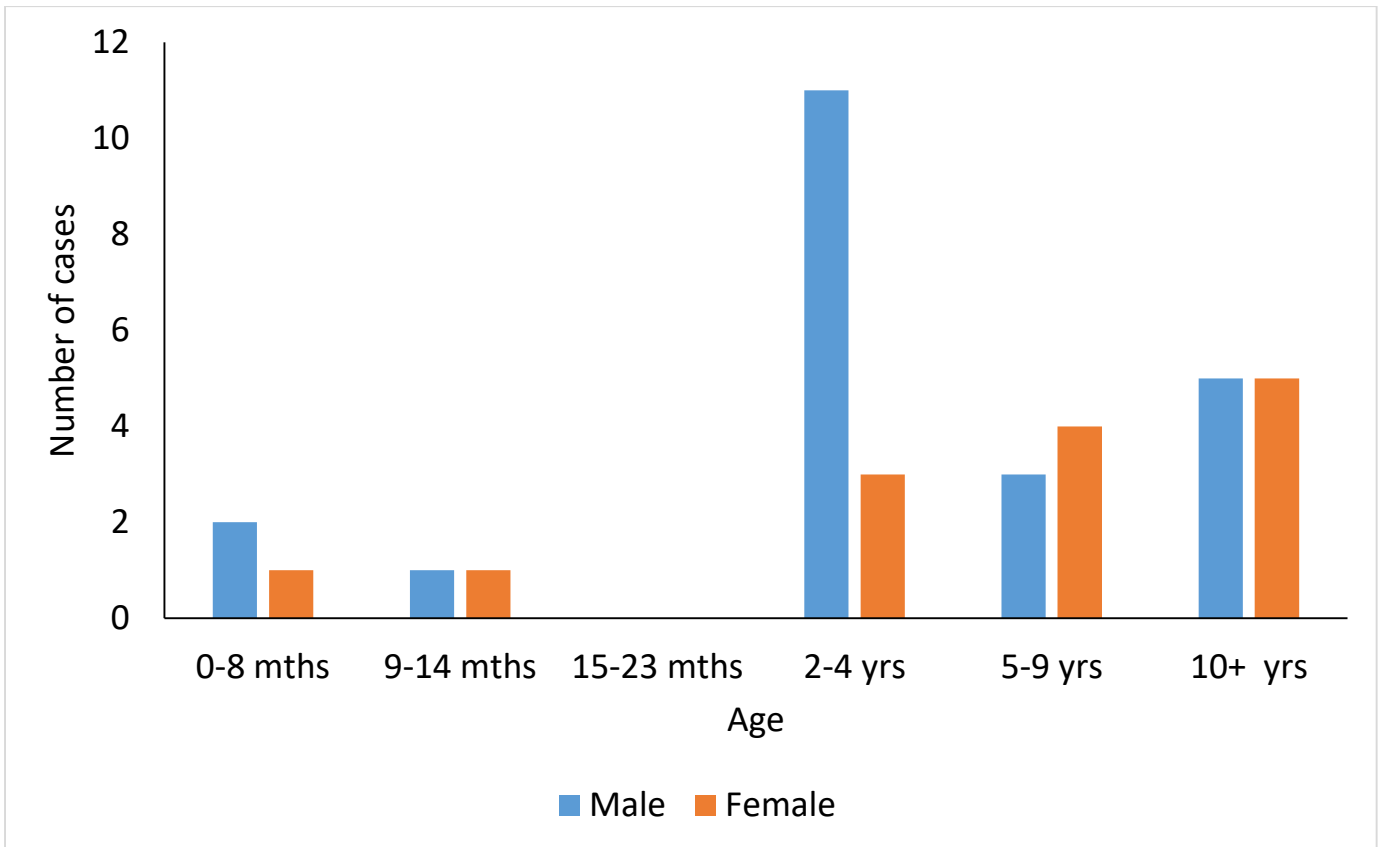


Figure 2: Distribution of Measles Cases by Age Group and Sex, Liberia Epi Week 38, 2023

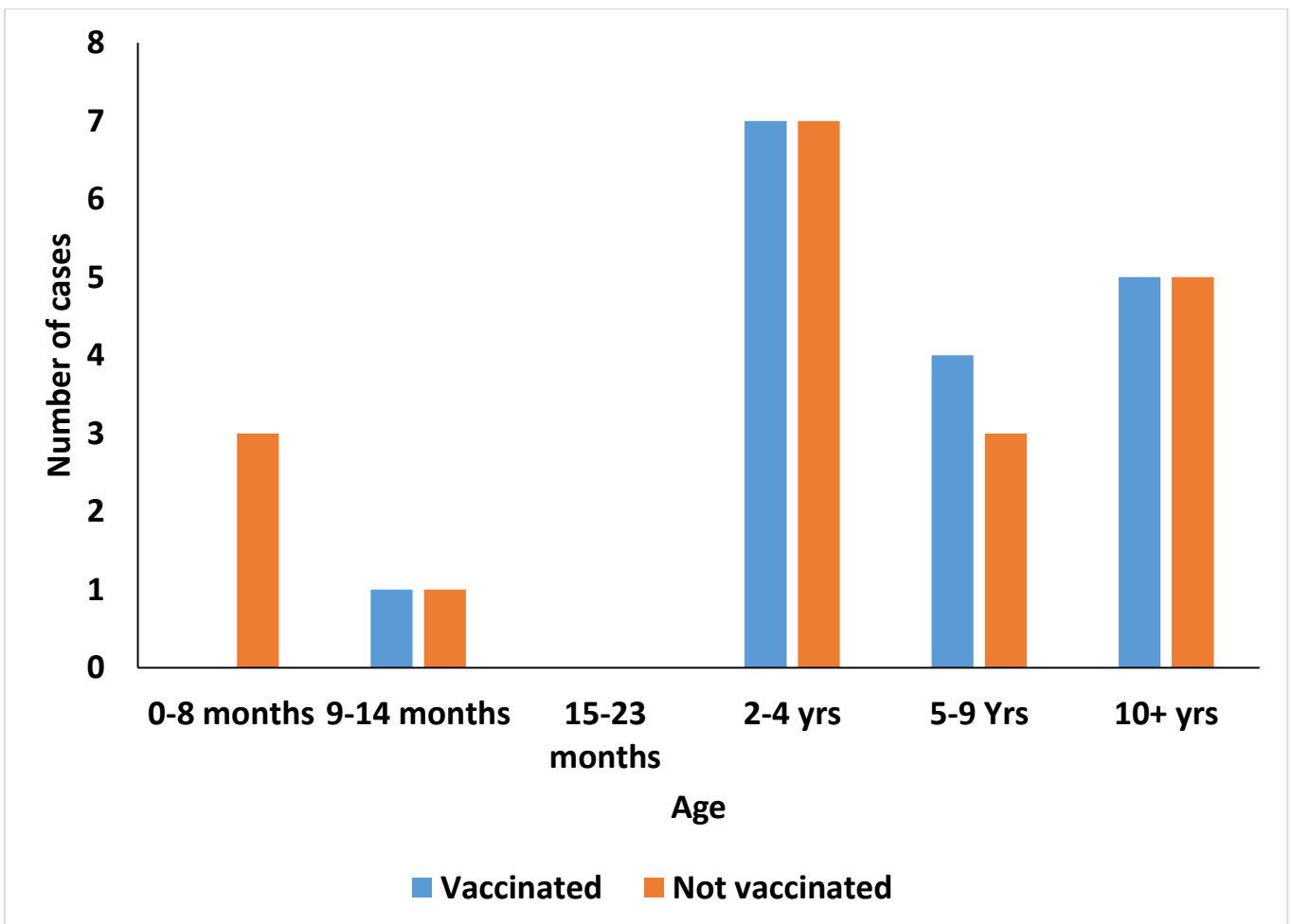


Figure 3: Vaccination Status of Suspected Measles Cases by Age Group, Liberia, Epi-Week 38, 2023

Table 4: Cumulative Distribution of Measles Cases and Deaths, December 13, 2021- September 24, 2023

COUNTY	CUMULATIVE SUSPECTED CASES	CUMULATIVE CONFIRMED CASES	CLASSIFICATION OF CONFIRMED CASES			CLASSIFICATION OF CONFIRMED DEATHS			CUMULATIVE DEATHS	CFR (%)	# CONFIRMED CASES WEEK 37	# CONFIRMED CASES WEEK 38	% CHANGE	Outbreak Status
			Lab confirmed	Epi Linked	Clinically Compatible	Lab confirmed	Epi Linked	Clinically Compatible						
Montserrat	5,475	5,389	145	1658	3,586	3	61	5	69	1.3	3	5	67	Ongoing
Nimba	1,132	1,104	37	187	880	0	1	3	4	0.4	4	8	100	Ongoing
Margibi	833	809	34	136	639	0	0	1	1	0.1	0	0	-	Ended
Grand Bassa	971	933	40	212	681	1	0	6	7	0.9	0	1	-	Ongoing
Lofa	353	284	32	66	186	0	0	0	0	0	0	0	-	Ended
Bong	604	579	22	21	536	0	1	2	3	0.5	0	0	-	Ongoing
Maryland	1078	1058	24	308	726	0	0	0	0	0	3	5	67	Ongoing
Grand Gedeh	628	468	34	48	386	0	0	0	0	0	5	3	-40	Ongoing
Sinoe	284	231	36	84	111	0	0	0	0	0	0	0	-	Ended
Bomi	183	147	34	27	86	1	2	2	5	3	0	0	-	Ended
Grd Cape Mt	215	187	17	18	152	0	2	1	3	1.6	0	0	-	Ended
Grand Kru	993	964	22	106	836	0	0	2	2	0.2	0	1	-	Ongoing
Gbarpolu	67	46	4	2	40	0	0	0	0	0	0	0	-	Ended
Rivercess	112	84	23	54	7	0	1	0	1	1.1	0	0	-	Ended
River Gee	103	79	0	0	79	0	0	0	0	0	0	0	-	Ended
Total	13,031	12,362	504	2,927	8,931	5	68	22	95	7.8	15	23		

Public Health Response

I. Coordination

IMS meetings are being held for coordination and mobilization of resources in response counties

II. Epidemiological Surveillance

25 contacts are under follow-up in Grand Gedeh County

Contact tracing and line listing of cases ongoing in the affected communities in Grand Kru and Grand Gedeh Counties

Active case search ongoing with support from UNICEF and Grand Gedeh CHT.

III. Case management

Vitamin A administration also ongoing in the fourteen counties that are implementing the periodic intensification of routine immunization

IV. Immunization

Ongoing round two periodic intensification of routine immunization in fourteen counties, and supported by WHO

V. Laboratory

- ☞ Specimens were collected from 3 counties in 3 districts. Bomi-Suehn Mecca, Nimba-Boe & Quilla, and Sinoe-Kpanyan
- ☞ Five hundred four (504) cases have been confirmed the National Public Health Reference Laboratory from December 13, 2021 – September 20, 2023.

VI. Risk Communication and Community Engagement

- ☞ Health education on prevention ongoing in Grand Gedeh County
- ☞ Community engagement meetings ongoing especially in new communities with new cases in Grand Gedeh County.

VII. Challenges

- ☞ Insufficient gasoline to intensify response activities in Grand Kru and Grand Gedeh Counties
- ☞ Delay lab result from NPHRL (Grand Gedeh)
- ☞ Lack of specific budget support for response in Grand Gedeh County

Acute Flaccid Paralysis (AFP)

- ☞ Five (5) suspected cases reported from Montserrado County
- ☞ Specimen collected and pending shipment
- ☞ Cumulatively, thirty-nine (39) cases were reported
 - Ten (10) tested negative
 - Twenty-nine (29) pending

Neonatal Tetanus

- ☞ Zero cases reported
- ☞ Cumulatively, forty-six (46) cases including 6 deaths reported

Influenza-Like Illnesses

Coronavirus Disease (COVID-19)

- ☞ Four (4) suspected cases reported from Montserrado (3), and Nimba (1) Counties
- ☞ Specimens collected and tested negative

Influenza

- ☞ Zero suspected cases reported
- ☞ Cumulatively, ninety-five (95) suspected cases reported
 - Proportion cases with sample collected (90/95) 95%
 - Proportion of cases with sample tested (34/90) 38% and all negative

Viral Hemorrhagic Diseases

Lassa fever

- ☞ Seven (7) suspected cases were reported from Bong County
- ☞ Seven specimens were collected and tested: 1 positive and 6 negative
- ☞ Cumulatively, one hundred eighty-six (186) suspected cases reported
 - Proportion of suspected cases with a sample collected (170/186) 91%
 - Proportion of suspected cases with sample tested (170/170) 100% (confirmed 50, negative 120)

Current Outbreak

Lassa fever disease

- One new confirmed case was reported
- Cumulatively, ninety-four (94) laboratory-confirmed cases including 27 deaths reported (CFR=29%)

Table 5: Summary of Lassa fever Outbreak, Liberia, January 6, 2022- September 24, 2023

County	Outbreak Districts	Outbreak Start Date	Total suspected cases	Total confirmed cases	Deaths in HCWs	Total Deaths	CFR %	Total Contacts	# HCW contacts	Contacts became cases	HCW became confirmed case	Contacts under follow up	Contacts completed	Days in countdown	Outbreak Status
Montserrado	Bushrod	13-Feb-23	15	2	0	1	50%	29	21	0	0	0	29	Completed	Over
	Central Monrovia	3-Mar-23	28	1	0	1	100%	28	27	0	0	0	28	Completed	Over
Bong	Suakoko	21-Apr-23	147	42	2	8	19%	401	173	6	4	17	334	Active	Ongoing
	Sanoyea	19-Sep-23	2	2	0	1	50%	36	18	0	0	6	31	Active	Ongoing
	Jorquelleh	6-Jan-22	13	9	1	2	25%	107	69	3	3	0	107	Completed	Over
Grand Bassa	District 3A&B	9-Sep-22	86	32	0	9	28%	177	40	40	0	23	159	Active	Ongoing
	Buchanan	11-Aug-23	2	1	0	1	100%	4	2	0	0	4	0	Active	Ongoing
Nimba	Sanniquellie-Mah	6-Feb-23	36	2	0	0	0%	43	35	8	0	0	43	Completed	Over
	Tappita	13-Mar-23	12	1	0	1	100%	36	17	4	0	0	36	Completed	Over
	Bain-Garr	1-Jun-23	10	3	0	3	100%	30	25	0	0	0	30	Active	Ongoing
Total			351	94	3	27	29%	886	424	61	7	50	797		

Public Health Measures

- The National Public Health Institute of Liberia (NPHIL) and the Ministry of Health (MOH) are providing technical and logistical support to County Health Teams with support from partners.

I. Surveillance:

- Active case search and contact tracing ongoing in affected communities and districts
- Development and dissemination of weekly sit-reps by affected counties

II. Laboratory

- The National Public Health Reference Laboratory continues testing of Lassa fever samples
- A total of 87 Lassa fever cases have been confirmed since this outbreak

III. Case management and IPC

- Cases isolated and managed at designated facilities

IV. Environmental and Vector Control

- Ongoing clean-up campaigns and rodent control measures in Grand Bassa County

V. Risk Communication and Community Engagement

- Risk communication and community engagement ongoing in affected and surrounding communities
- Airing of jingles on Lassa fever prevention and control in Bong and Grand Bassa Counties

Yellow fever

- ☞ One (1) suspected case reported from Grand Kru County
- ☞ Specimen collected and pending testing
- ☞ Cumulatively, eighty-six (86) suspected cases were reported
 - Three (3) samples (3/86) 3% not transported (Epi week 5 from Grand Gedeh, River Gee, and Grand Kru Counties)
 - Proportion of suspected cases with samples collected (70/86) 81%
 - The proportion of samples tested is (55/70) 79%
 - The proportion of samples pending testing is 21% (15/70)

Dengue Fever

- ☞ Zero cases were reported

Ebola Virus Disease

- ☞ Zero cases were reported

Diarrheal Diseases

Acute Bloody Diarrhea (Suspected Shigellosis)

- ☞ Sixteen (16) cases were reported: Lofa (6), Grand Gedeh (4), Margibi (2), Sinoe (2), Grand Kru (1), and Bomi (1) Counties
- ☞ Five (5) specimens were collected and pending testing
- ☞ Cumulatively, five hundred ninety-three (593) cases were reported
 - Two hundred twenty-nine (229) specimens were collected
 - One hundred fifty-eight (158) specimens were received by NPHRL
 - 119 tested negative
 - 3 specimens pending testing by NPHRL
 - 5 specimens pending arrival at NPHRL
 - 31 specimens rejected by NPHRL
 - 71 specimens not received by NPHRL

Severe Acute Watery Diarrhea (Suspected Cholera)

- ☞ Thirty-three (33) suspected cases were reported: Grand Kru (14), Nimba (8), Lofa (3), Grand Gedeh (2), Bong (2), Margibi (1), Sinoe (1), Maryland (1), and River Gee (1) Counties
- ☞ Nine (9) specimens were collected and pending testing
- ☞ Cumulatively, seven hundred forty-one (741) cases reported
 - Two hundred forty-six (246) specimens were collected
 - Ninety-six (96) specimens were received by NPHRL
 - 76 tested negative
 - 2 pending testing by NPHRL
 - 9 pending arrival at NPHRL
 - 18 specimens rejected by NPHRL
 - 141 specimens were not received by NPHRL

Other Reportable Diseases

Animal bite (Human Exposure to Rabies)

Eighty-three (83) animal bites were reported

Table 6: Distribution of Animal Bite Cases and PEP Administration per County, Liberia, Epi week 38, 2023

Counties	Cases	Person receiving PEP	PEP doses administered	Cumulative cases (Wk 1-38)	Cumulative PEP administered (Wk 1-38)
Bomi	2	0	0	56	31
Bong	1	1	1	166	69
Gbarpolu	0	0	0	26	1
Grand Bassa	3	0	0	224	20
Grand Cape Mount	2	0	0	62	36
Grand Gedeh	0	0	0	87	13
Grand Kru	11	0	0	213	15
Lofa	4	3	1	187	75
Margibi	3	2	2	155	66
Maryland	5	2	2	153	57
Montserrado	16	2	2	758	183
Nimba	27	0	0	439	143
Rivercess	1	1	1	95	55
River Gee	2	0	0	43	0
Sinoe	6	0	0	110	6
Total	83	11	9	2774	770

Public Health Actions

- ☞ Ongoing monitoring and follow-up of cases
- ☞ Ongoing media awareness on rabies prevention and control

Meningitis

- ☞ One (1) case was reported from River Gee County
- ☞ Cumulatively, thirty-two (32) suspected cases reported
 - Proportion of suspected cases with samples collected (26/32) 81%
 - Proportion of sample tested (22/26) 85%
 - 17 negative and 4 positive (Streptococcal-3 & Hemophilus Influenza)

Mpox

- ☞ Three (3) suspected cases were reported from River Gee (1), Margibi (1), and Maryland (1) Counties
- ☞ Specimen were collected and pending testing
- ☞ Cumulatively, one hundred-nineteen (119) suspected cases reported
 - Seven (7) confirmed

Unexplained cluster of deaths

- ☞ Zero cases reported

Events of Public Health Importance

Maternal Mortality

- ☞ Six (6) deaths were reported from Nimba (3), Margibi (2), and Lofa (1) Counties
- ☞ Reported cause: Post-partum Hemorrhage (3), Eclampsia (1), and pending (2)
- ☞ Reporting Site:
 - Health Facility (6/6) 100%
- ☞ Cumulatively, two hundred forty-two (242) deaths reported
 - Proportion of death reviewed (58/242) 24%
 - Proportion of community death (30/242)12%

Neonatal Mortality

- ☞ Seventeen (17) deaths were reported from Montserrado (9), Grand Kru (2), Grand Bassa (2), Lofa (1), Sinoe (1), Grand Gedeh (1), and Maryland (1) Counties
- ☞ Reported causes: Neonatal sepsis (7), Birth asphyxia (6), Neonatal Jaundice (1), Preterm (1), Cord entanglement (1), and Hypoxic-ischemic encephalopathy (1)
- ☞ Reporting site:
 - Health facility: 17/17 (100%)
- ☞ Cumulatively, five hundred ninety-five (595) deaths reported

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

- ☞ Thirty-three (33) cases were reported: Sinoe (16), Grand Gedeh (5), Lofa (4), Grand Bassa (4), Montserrado (3), and Grand Cape Mount (1) Counties
- ☞ All reported cases were classified as non-serious
- ☞ Related vaccine:
 - Penta (20/33) 61%
 - Measles (5/33) 15%
 - Others (8/33) 24%
- ☞ Cumulatively, five hundred sixty-seven (567) events were reported and COVID-19 accounted for (185/567) 33%

Neglected Tropical Diseases

YAWS

- ☞ Twelve (12) cases reported from Lofa (9), Nimba (2), and River Gee (1) Counties
- ☞ Cumulatively, two hundred forty-one (241) cases have been reported

Buruli Ulcer

- ☞ Five (5) suspected cases reported from Margibi (1), River Gee (1), Grand Cape Mount (1), Bong (1), and Nimba (1) Counties
- ☞ Cumulatively, one hundred seventy-one (171) cases have been reported

Border Surveillance Update

A total of 4,617 travelers were recorded for the week with incoming travelers accounting for 50% (2,287/4,617)

Table 7: Border activity at the PoE for incoming and outgoing travelers, Liberia, Epi week 38, 2023

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	COVID-19 Reactive	Evidence of COVID-19 vaccination card/certificate
Airport	James S. Paynes	182	76	82	10	0	0	0	0	0	20
	Robert Int'l Airport	3396	1720	1829	3423	65	65	26	0	0	3445
Seaport	Freeport of Monrovia	174	87	87	174	0	0	0	0	0	174
	Buchanan Port	38	19	19	38	0	0	0	0	0	38
Land Crossing	Bo Water Side	532	221	311	532	0	0	0	0	0	410
	Ganta	120	69	51	66	0	0	0	0	0	41
	Yekepa	97	55	42	52	0	0	0	0	0	60
	Loguatu	78	40	38	61	0	0	0	0	0	22
Total		4,617	2,287	2,459	4,356	65	65	26	0	0	4,210

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

Public Health Measures

National level

- ✎ Continue to distribute surveillance weekly ledgers and triplicate Lab alert and submission forms to the counties
- ✎ Distribution of 10 motorcycles to nine DSOs and one CSO from seven counties
- ✎ Providing remote technical and operational support to counties
- ✎ Produced and disseminated situation reports (Lassa fever, Measles, and Mpox outbreaks)

County-level

✎ Coordination

- Partner coordination and resource mapping

✎ Surveillance

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

✎ Case Management

- Administration of PEP
- Management of measles cases ongoing

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	0	0	0	0	0	5	0	0	0	0	5	39	0	
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Measles	A	1	0	2	1	1	4	1	2	0	9	5	8	0	1	1	36	13,031	35
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	2
	Neonatal Tetanus	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	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	0	0	1	0	0	0	0	0	0	0	0	1	86	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	2	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	7	0	0	0	0	0	0	0	0	0	0	0	0	0	7	152	30
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	16
Influenza-Like Disease	COVID-19	A	0	0	0	0	0	0	0	0	0	3	1	0	0	0	4	4	0	
		D	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	95	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	0	4	1	6	2	0	1	0	0	0	2	16	593	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	2	0	0	2	14	3	1	1	0	8	0	1	1	33	741	0	
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Events of Public Health Interest	Maternal Mortality	D	0	0	0	0	0	0	1	2	0	0	3	0	0	0	6	242		
	Neonatal Mortality	D	0	0	0	2	0	1	2	1	0	1	9	0	0	0	1	17	595	
	AEFI	A	0	0	0	4	1	5	0	4	0	0	3	0	0	0	16	33	567	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	0	
Other Reportable Diseases	Mpox	A	0	0	0	0	0	0	0	1	1	0	0	0	1	0	3	119	7	
		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	0	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	2	1	0	3	2	0	11	4	3	5	16	27	1	2	6	83	2,774	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Meningitis	A	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	32	0	0
		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	1	0	
Neglected Tropical Diseases	Buruli Ulcer	A	0	1	0	0	1	0	0	0	1	0	0	1	0	1	5	119	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	9	0	0	0	2	0	1	0	12	241	4
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL		3	11	2	10	0	16	0	30	0	17	0	50	0	8	27	262	19521	57	

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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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.