



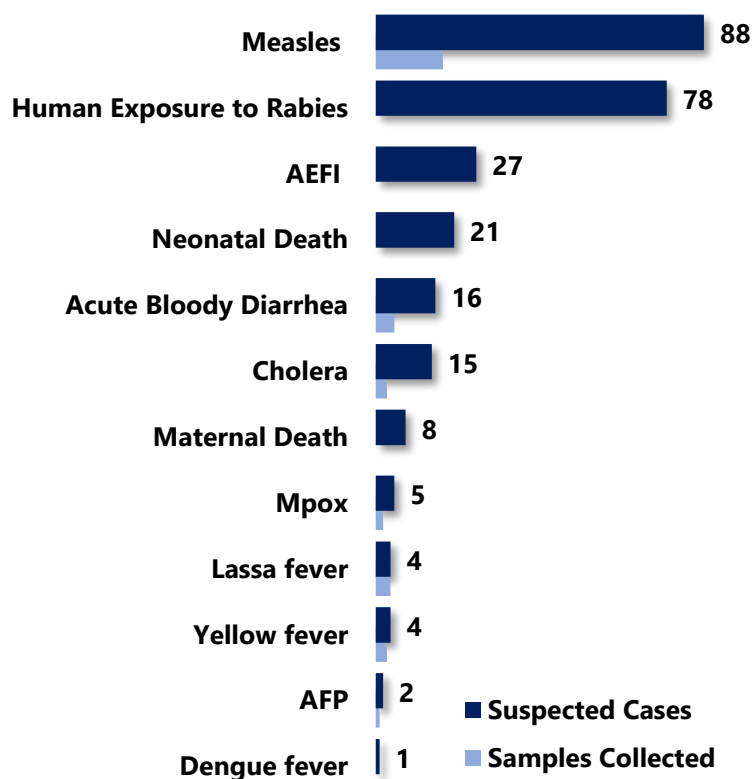
Liberia IDSR Epidemiology Bulletin

Epi-week 22 (May 29-June 4, 2023)

Country Population: 5,104,413 | Volume 20 Issue 18 | May 29-June 4, 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 **269 events** of public health importance including **31 deaths** reported
- ♦ **Completeness and timeliness** of health facility reports were both **97%**
- ♦ **Ongoing Lassa fever** outbreak in **3** Counties
- ♦ **Ongoing Measles outbreak** in **12** Counties
- ♦ **Ongoing Mpox** outbreak in **2** Counties

Adverse Events Following Immunization/Adverse Drug Reaction (AEFI)

Reporting Coverage

Table 1: Health Facility Weekly IDSR Reporting Coverage, Liberia, Epi-week 22, 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	389	389	93	93
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	949	949	97	97

978(97%)
Health facilities reported IDSR data

97(100%)
Health districts reported IDSR data

978 (97%)
Health facilities reported timely IDSR

- ♦ 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: ≥80 <80

Vaccine-Preventable Diseases

Measles

- Eighty-eight (88) suspected cases were reported from 10 Counties (see distribution in table 2)
- Eighteen (18) specimens collected and pending testing
- Forty-three (43) were vaccinated (see distribution in table 3)**

Table 2: Distribution of Measles cases per county and epi-classification, Liberia, Epi week 22, 2023

COUNTY	Cases Week 22	Lab confirmed Epi Week 22	CLASSIFICATION OF CONFIRMED CASES, EPI WEEK 1-22			Deaths	CFR (%)	CUMULATIVE # SUSPECTED CASES, EPI WEEK 1-22	CUMULATIVE # CONFIRMED CASES, EPI WEEK 1-22
			Lab confirmed	Epi Linked	Clinically Compatible				
Bomi	1	0	0	13	49	0	0.0	73	64
Bong	4	0	2	6	174	1	0.6	182	182
Gbarpolu	0	0	0	0	31	0	0.0	32	31
Grand Bassa	0	0	0	0	142	0	0.0	144	142
Grand Cape Mount	0	0	0	2	55	0	0.0	66	58
Grand Gedeh	13	0	4	26	183	0	0.0	256	213
Grand Kru	14	0	6	72	599	2	0.3	679	677
Lofa	4	0	0	0	76	0	0.0	84	76
Margibi	0	0	1	8	175	0	0.0	186	184
Maryland	18	0	0	0	534	0	0.0	536	534
Montserrado	18	0	4	53	840	2	0.2	905	897
Nimba	6	0	2	33	230	3	1.2	267	265
River Gee	7	0	0	0	97	0	0.0	117	97
Rivercess	0	0	1	0	25	0	0.0	31	26
Sinoe	3	0	4	11	66	0	0.0	95	81
Grand Total	88	0	27	224	3,276	8	2	3,653	3,527

Table 3: Vaccination Status of Measles Cases, Liberia, Epi week 22 2023

County	Number of Doses Received			
	Vaccinated	One Dose	Two Doses	Doses Not indicated
Bomi	1	0	1	0
Bong	4	4	0	0
Gbarpolu	0	0	0	0
Grand Bassa	0	0	0	0
Grand Cape Mount	0	0	0	0
Grand Gedeh	4	4	0	0
Grand Kru	6	5	1	0
Lofa	4	0	0	4
Margibi	0	0	0	0
Maryland	1	1	0	0
Montserrado	12	11	1	0
Nimba	3	3	0	0
River Gee	7	2	1	4
Rivercess	0	0	0	0
Sinoe	1	0	1	0
Grand Total	43	30	5	8

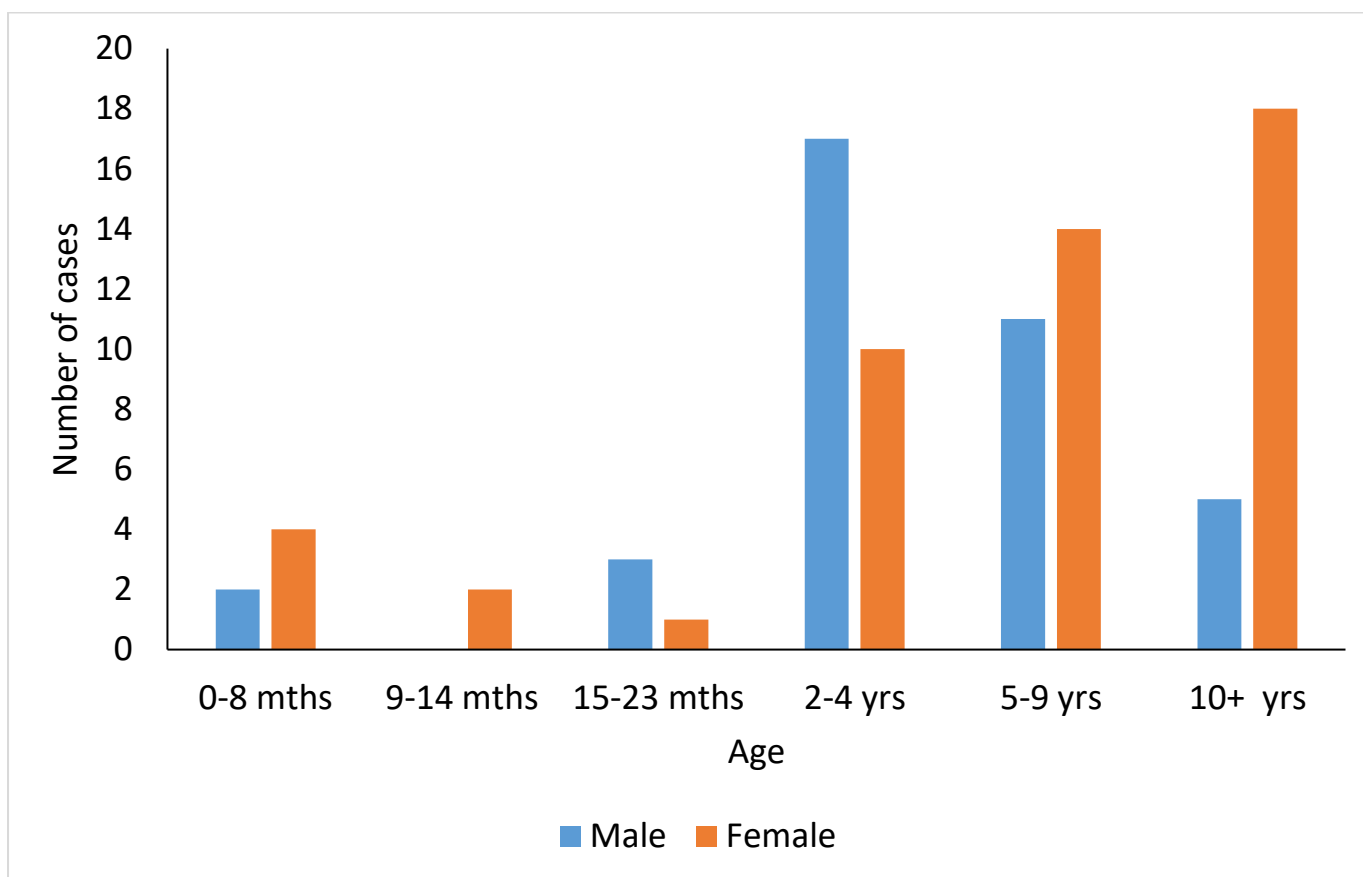


Figure 2: Distribution of Measles Cases by Age and Sex, Liberia Epi Week 22, 2023

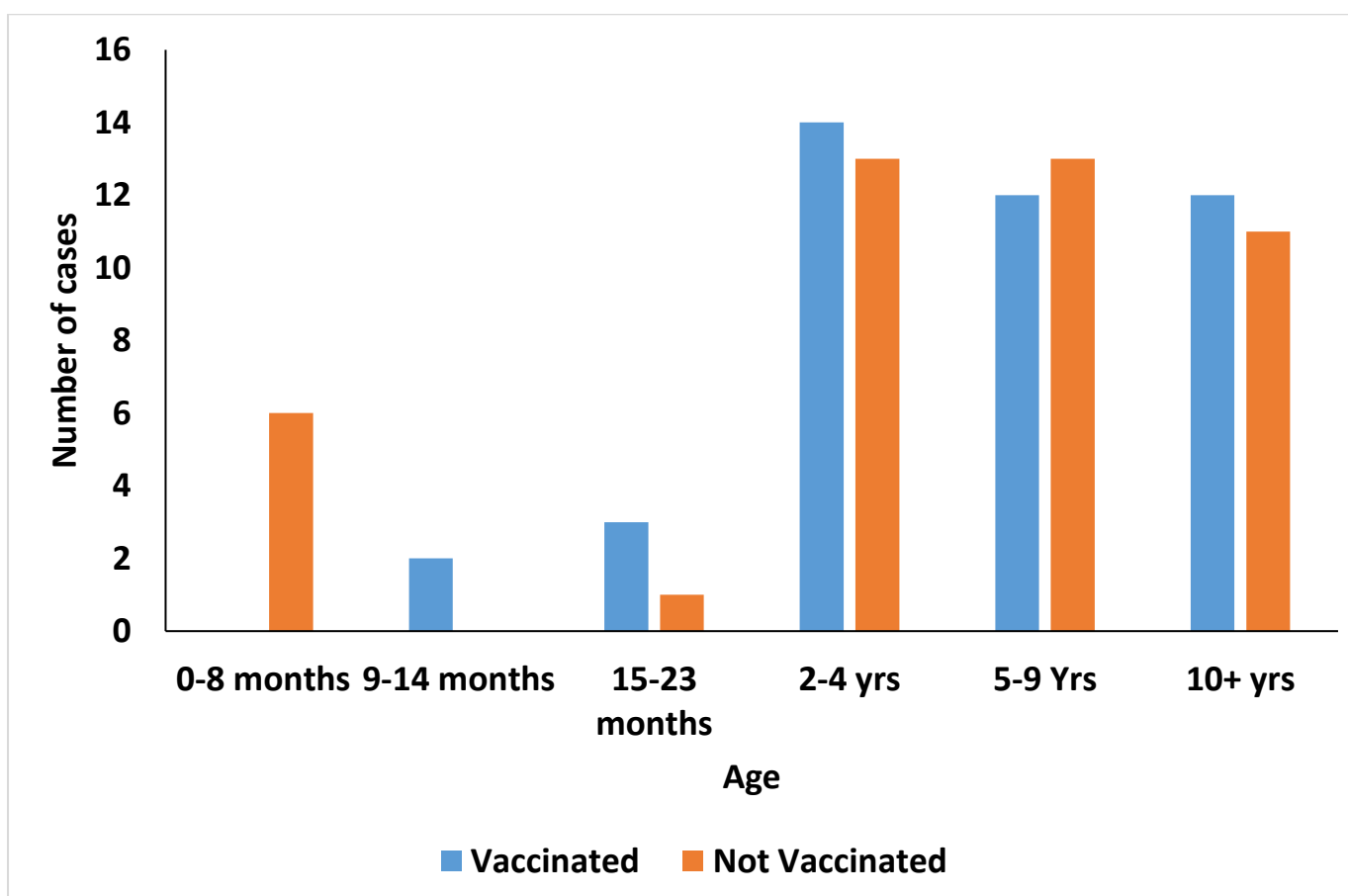


Figure 3: Vaccination Status of Suspected Measles Cases by Age Group, Liberia, Epi-Week 22, 2023

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

COUNTY	CUMULATIVE SUSPECTED CASES	CUMULATIVE CONFIRMED CASES	CLASSIFICATION OF CONFIRMED CASES			CLASSIFICATION OF CONFIRMED DEATHS			CUMULATIVE DEATHS	CFR (%)	# CONFIRMED CASES WEEK 21	# CONFIRMED CASES WEEK 22	% CHANGE	Outbreak Status
			Lab confirmed	Epi Linked	Clinically Compatible	Lab confirmed	Epi Linked	Clinically Compatible						
Montserrat	5,271	5,194	145	1657	3392	3	61	5	69	1.3	35	18	-48	Ongoing
Nimba	1038	1,007	37	187	783	0	1	3	4	0.4	11	5	-54	Ongoing
Margibi	818	794	34	136	624	0	0	1	1	0.1	4	0	-100	Ongoing
Grand Bassa	931	893	40	212	641	1	0	6	7	0.9	2	0	-100	Ongoing
Lofa	341	271	32	66	173	0	0	0	0	0	4	1	-75	Ongoing
Bong	587	562	22	21	519	0	1	2	3	0.5	3	4	33	Ongoing
Maryland	943	928	24	308	596	0	0	0	0	0	18	16	-11	Ongoing
Grand Gedeh	517	357	34	48	275	0	0	0	0	0	12	12	-	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	-	Ongoing
Grd Cape Mt	215	187	17	18	152	0	2	1	3	1.6	0	0	-	Ended
Grand Kru	937	909	22	106	781	0	0	2	2	0.2	18	14	-22	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	99	75	0	0	75	0	0	0	0	0	8	1	-88	Ongoing
Total	12,343	11,685	504	2,926	8,255	5	68	22	95	7.8	115	71	-465	

Public Health Response

I. Coordination

- Response efforts have been coordinated by CHTs with support from partners

II. Epidemiological Surveillance

- Surveillance activities have been intensified in affected counties (Grand Kru, Grand Gedeh, and Maryland).
- Active case search ongoing
- Conducted awareness in affected communities

III. Case management

- Cases were symptomatically treated and discharged home for home-based isolation in Lofa, Grand Gedeh, and Grand Kru Counties

IV. Immunization

- Six days immunization outreach targeting 70 children (age group 9-23 months) conducted in Tchien and Konobo districts (Grand Gedeh County)

V. Laboratory

- Specimens were collected from 5 districts in 3 counties for testing (River Gee-Sarbo, Chedepo, and Gbeapo; Grand Gedeh-B'hai; and Sinoe-Kpayan-2).
- Five hundred nine (509) cases have been confirmed by laboratory from December 13, 2021–June 4, 2023.
- Delayed in releasing laboratory results for priority diseases

VI. Risk Communication and Community Engagement

- Awareness and health education on prevention and control of measles ongoing on Smile FM Radio in Grand Gedeh County
- Ongoing engagement with community stakeholders, parents and health care workers on measles prevention ongoing in Montserrado, Grand Cape Mount, Grand Gedeh, and Nimba Counties

Challenges

- Limited support to response to Measles outbreak in Grand Bassa County
- Irregular samples transportation by Riders for Health in Grand Kru County
- DSOs lack functional laptop computers in all the outbreak Counties and Districts
- Limited specimen collection kits for priority diseases in Montserrado
- Stock out of alert and lab submission forms in Maryland Grand, Cape Mount, and Lofa Counties

Acute Flaccid Paralysis (AFP)

- 📋 Two (2) cases reported from Grand Gedeh, and Grand Kru Counties
- 📋 Specimens were collected and one pending shipment
- 📋 Cumulatively, twenty-five (25) cases were reported
 - Ten (10) tested negative
 - Fifteen (15) pending

Neonatal Tetanus

- 📋 Zero case reported
- 📋 Cumulatively, thirty (30) cases including 4 deaths reported

Influenza-Like Illnesses

Coronavirus Disease (COVID-19)

Outbreak

- 📋 No new confirmed cases reported
- 📋 Cumulatively, eight thousand, twenty-two (8,022) confirmed cases, including 294 deaths
 - 601 healthcare workers
- 📋 A total of 17,827 contacts have been generated
 - 1,772 healthcare workers

Public Health Actions

- IMS coordination meeting ongoing
- Surveillance activities including active case search and case investigation ongoing in the affected counties using WHO interim guidelines
- Case management ongoing for confirmed cases
- Compulsory testing among outgoing travelers as required by the country of destination ongoing

Influenza

- 📋 Zero suspected case was reported
- 📋 Cumulatively, 39 suspected cases reported

Viral Hemorrhagic Diseases

Lassa fever

- 📋 Four (4) suspected cases were reported from Grand Bassa (1), Maryland (Dead) (1), Nimba (Dead) (1), and Bong (1) counties
- 📋 Four (4) Specimens were collected: 2 tested positive 1 negative and 1 pending testing

- ☛ Cumulatively, one hundred twenty-three (123) suspected cases reported
 - Proportion of suspected cases with a sample collected (113/123) 92%
 - Proportion of suspected cases with sample tested (109/113) 96%

Current Outbreak

Lassa fever disease

- ☛ Two new confirmed cases were reported from Nimba and Grand Bassa counties
- ☛ One suspected case is currently in isolation in Maryland county
- ☛ Cumulatively, seventy-eight (78) laboratory-confirmed cases including 22 deaths reported (CFR=28%)

Table 5: Summary of Confirmed Cases reported, Epi week 22, 2023

Age (Yrs)	Sex	Outcome	Occupation	Community of resident	District of outbreak	Reporting County	Date of Onset	Date of Admission	Hospital	Signs & symptoms	Date specimen collected	Date specimen sent to Lab.	Date specimen received	Date ribavirin initiated	Date case confirmed	Total contacts generated	Total HCWs contacts	Epi Link
36 yrs	F	Dead	Unknown	Better Hill, Ganta city	Sanniouelli e-Mah	Nimba	23-May-23	29-May-23	E&J hosp	fever, muscle pains, abdominal pain, headache, weakness	30-May-23	30-May-23	30-May-23	Not administered	1-Jun-23	14	11	No
7 yrs	M	Alive	Unknown	Gbaryah Camp	District #3A	Grand Bassa	25-May-23	30-May-23	LAC hosp	fever, headache, malaise, na	30-May-23	30-May-23	30-May-23	30-May-23	1-Jun-23	5	2	No

Table 6: Summary of Lassa fever Outbreak, Liberia, Sept 9,2022 to present

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	3	2	0	1	50%	29	21	0	0	0	29	Completed	Over
	Central Monrovia	3-Mar-23	13	1	0	1	100%	28	27	0	0	0	28	Completed	Over
Bong	Suakoko	21-Apr-23	118	33	2	7	21%	303	147	6	4	46	257	Ongoing	Active
	Sanoyea	5-Apr-22	1	1	0	1	100%	10	10	0	0	0	10	Completed	Over
	Jorquellieh	6-Jan-22	11	8	1	2	25%	99	61	3	3	0	99	Completed	Over
Grand Bassa	District 3A&B	9-Sep-22	57	29	0	8	28%	156	30	2	0	9	147	Active	Ongoing
Nimba	Sanniouelli-Mah	6-Feb-23	7	2	0	0	0%	43	35	8	0	0	43	Completed	Over
	Tappita	13-Mar-23	3	1	0	1	100%	36	17	4	0	0	36	Completed	Over
	Bain-Garr	1-Jun-23	4	1	0	1	100%	14	11	0	0	14	0	Active	Ongoing
	8		217	78	3	22		718	359	23	7	69	649		

Public Health Measures

- NPHIL continues to provide technical support to the affected counties

I. Surveillance:

- Heightened case detection and reporting in affected communities and districts
- Situational reports are produced and shared regularly at the National Level
- Daily follow-up/monitoring of contacts

II. RCCE

- Health Education in affected and surrounding communities
- Health workers and visitors are encouraged to enhance IPC practices by regular washing of hands

III. Case Management

- Cases isolated and ribavirin treatment not administered

IV. IPC

- Affected communities were empowered with the WASH package to enable them to undertake short-term interventions that will improve the sanitation situation in each community thereby helping in Lassa fever prevention and control

Yellow fever

- ☛ Four (4) cases were reported from: Grand Kru (2), Grand Cape Mount (1), and River Gee (1) Counties
- ☛ Three specimens were collected and pending testing

- Three (3) samples were collected but not transported (Epi week 5 from Grand Gedeh, River Gee, and Grand Kru Counties)
 - Proportion of samples collected and tested (27/42) 64%
 - Negative- 27
 - Pending testing -18

Dengue Fever

- One (1) suspected case was reported from Lofa
 - No specimen was collected
 - Cumulatively, one case reported

Ebola Virus Disease

- Zero suspected case was reported

Diarrheal Diseases

Acute Bloody Diarrhea (Suspected Shigellosis)

- Sixteen (16) cases were reported: Grand Kru (4), Gbarpolu (2), Sinoe (2), Montserrado (2), Lofa (2), River Gee (1), Maryland (1), Grand Gedeh (1), and Grand Bassa (1) Counties
 - Five (5) specimens were collected and three pending shipments
 - Cumulatively, two hundred eighty-nine (289) cases were reported
 - One hundred sixteen (116) specimens were collected
 - 56 tested negative
 - 7 specimens rejected
 - Fifty-three (53) specimens were not transported

Severe Acute Watery Diarrhea (Suspected Cholera)

- Fifteen (15) suspected cases were reported: Grand Kru (4), Lofa (4), Maryland (2), Montserrado (2), River Gee (1), Bong (1), and Grand Bassa (1) counties
 - Three (3) specimens were collected and two pending shipments
 - Cumulatively, three hundred ninety-two (392) cases reported
 - One hundred nineteen (119) specimens collected
 - 49 tested negative
 - 7 specimens rejected
 - Sixty-three (63) specimens were not transported

Other Reportable Diseases

Animal bite (Human Exposure to Rabies)

Seventy-eight (78) animal bites were reported

Table 7: Distribution of Animal bite cases and PEP administration per county, Liberia, Epi week 22, 2023

Counties	Cases	Person receiving PEP	PEP doses administered	Cumulative cases (Wk 1-22)	Cumulative PEP administered (Wk 1-22)
Bomi	3	3	3	30	17
Bong	1	0	0	117	52
Gbarpolu	1	0	0	14	0
Grand Bassa	3	0	0	121	10
Grand Cape Mount	3	3	3	42	25
Grand Gedeh	0	0	0	52	6
Grand Kru	5	0	0	127	15
Lofa	6	3	4	111	43
Margibi	1	1	1	91	46
Maryland	7	5	5	77	33
Montserrado	34	5	5	428	118
Nimba	10	8	8	184	73
Rivercess	1	0	0	30	32
River Gee	1	0	0	60	0
Sinoe	2	0	0	64	6
Total	78	28(40%)	29	1,548	476

Public Health Actions

Ongoing monitoring and follow-up of cases

Meningitis

Zero (0) case was reported

Cumulatively, nineteen (19) suspected cases reported

- Proportion of suspected cases with samples collected (17/19) 89%
- Proportion of sample tested (12/17) 71%
- 10 negative and 2 positive

Mpox

Five (5) suspected cases were reported: Sinoe (2), Margibi (1), Montserrado (1), and River Gee (1) counties

Two specimens were collected and pending testing

Cumulatively, seventy-nine (79) suspected cases reported

- Seven (7) confirmed

Outbreak

Mpox:

No new confirmed case reported

Total of 12 confirmed cases reported

Case Fatality Rate: 17%

Forty (40) contacts are currently under follow up

Two (2) counties are currently in outbreak

SITUATIONAL CONTEXT

Table 8: Summary of Mpox Outbreak, Liberia, Dec 5, 2022 – May 28, 2023

County	Outbreak Districts	Outbreak Start Date	Total suspected cases	Total confirmed cases	Total confirmed in HCWs	Deaths in HCWs	Total Deaths	CFR %	Total Contacts	# HCW contacts	Contacts became cases	Contacts under follow up	Contacts completed	Days in countdown	Outbreak Status
Rivercess	Senjeh District	25-Jul-22	5	1	0	0	1	100%	15	0	0	0	15	Completed	Over
	Central "C"	5-Dec-22	3	2	0	0	0	0%	16	2	0	0	16	Completed	Over
	Jo-River	22-Feb-23	1	1	0	0	0	0%	6	2	0	0	6	Completed	Over
Lofa	Salayea	22-Dec-22	8	2	0	0	0	0%	13	0	0	0	13	Completed	Over
Cape Mount	Senjeh	25-Jul-22	5	1	0	0	1	100%	15	0	0	0	15	Completed	Over
	Garwula	22-Feb-23	2	2	0	0	0	0%	6	0	1	0	6	Completed	Over
Nimba	Boe Quilla	5-Apr-23	4	1	0	0	0	0%	25	4	0	25	0	26	Ongoing
Sinoe	Kpanyan	18-Apr-23	12	1	0	0	0	0%	37	0	0	0	37	32	Ongoing
Gbarpolu	Belle	17-Mar-23	2	1	0	0	0	0%	7	0	0	0	7	Completed	Over
Total	9		42	12	0	0	2	17%	140	8	1	25	115		

Public Health Measures

I. Coordination

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

II. Epidemiological Surveillance

- Active case search, case investigation, and contact tracing are ongoing in affected and neighboring communities and districts
- Daily monitoring of contacts ongoing by the surveillance team

III. Laboratory

- Ongoing testing of Mpox samples
- Twelve (12) Mpox cases have been confirmed

IV. Risk Communication and Community Engagement

- Community engagement and awareness in the affected community and surrounding towns ongoing

V. Key Challenges

- No support from county-based partners for response activities
- Limited IPC materials for response activities
- Limited copies of Mpox standard case definitions

Events of Public Health Importance

Maternal Mortality

- ☞ Eight (8) deaths were reported: Montserrado (3), Maryland (1), Margibi (1), Lofa (1), Grand Bassa (1), and Rivercess (1) Counties
- ☞ Reported causes: PPH (4), Preeclampsia (1), Sepsis (1), Severe anemia (1), and pending review (1)
- ☞ Reporting Site:
 - Health facility (8/8) 100%
- ☞ Cumulatively, one hundred fifty-two (152) deaths reported
 - Proportion of death reviewed (41/152) 27%
 - Proportion of community death (20/152) 13%

Neonatal Mortality

- ☞ Twenty-one (21) deaths were reported: Montserrado (15), Maryland (2), Lofa (2), Grand Gedeh (1), and Sinoe (1) counties
- ☞ Reported causes: Birth Asphyxia (14), Neonatal sepsis (3), Preterm (2)
- ☞ Reporting sites:
 - Health facility (20/21) 95%
 - Community (1/21) 5%
- ☞ Cumulatively, three hundred thirty-five (335) deaths reported

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

- ☞ Twenty-seven (27) cases were reported: from Grand Gedeh (15), Bomi (3), Grand Kru (2), Grand Cape Mount (2), Sinoe (2), Grand Bassa (1), Lofa (1), and Rivercess (1) Counties
- ☞ All reported cases were non-serious
- ☞ Related vaccine:
 - COVID-19 (22/27) 81.5%
 - TCV (3/27) 11.1%
 - Others (2/27) 7.4%
- ☞ Cumulatively, two hundred ninety-nine (299) events were reported and COVID-19 accounted for (150/299) 50%

Border Surveillance Update

- ☞ A total of 4,815 travelers were recorded for the week with incoming travelers accounting for 46% (2,218/4815)

Table 9: Border activity at the PoE for Incoming and Outgoing Travelers, Liberia, Epi week 22, 2023

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	COVID-19 Reactive	Evidence of COVID-19 vaccination card/certificate
Airport	James S. Paynes	105	46	59	30	0	0	0	0	0	30
	Robert Int'l Airport	3570	1617	1953	3506	59	0	5	0	0	3495
Seaport	Freeport of Monrovia	186	93	93	186	0	0	0	0	0	186
	Buchanan Port	70	35	35	70	0	0	0	0	0	70
Land Crossing	Bo Water Side	442	204	238	434	3	8	0	0	0	311
	Ganta	320	160	160	57	3	3	15	0	0	114
	Yekepa	49	32	17	20	0	0	0	0	0	29
	Loguatu	73	31	42	59	0	0	0	0	0	45
Total		4,815	2,218	2,597	4,362	65	11	20	0	0	4,280

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

Public Health Measures

National level

- ☞ Community engagement and border meeting airing messages on Lassa fever, Monkey pox, COVID-19, and Measles in Nimba, Grand Cape Mount, and Grand Bassa 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	6	6	6	10	93		
No. of Health District Reported			4	9	5	8	5	6	5	6	4	6	7	6	6	6	10	93		
Vaccine Preventable Diseases	Acute Flaccid Paralysis (Suspected Polio)	A	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2	23	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Measles	A	1	4	0	0	0	13	14	4	0	18	18	6	0	7	3	88	3,221	27
		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	0	0	0	0	0	0	22	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	1	0	2	0	0	0	0	0	0	1	0	4	44	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Viral Hemorrhagic Fever	Dengue fever	A	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	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	1	0	0	0	0	0	1	0	1	0	0	0	4	93	20
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	8
Influenza-Like Illnesses	COVID-19	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
	Influenza Like Illnesses	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diarrheal Diseases	Acute Bloody Diarrhoea (Shigellosis)	A	0	0	2	1	0	1	4	2	0	1	2	0	0	1	2	16	230	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	0	0	0	0	0	0	0	0	0	0	0	0	0	314	0
		D	0	1	0	1	0	0	4	4	0	2	2	0	0	1	0	15	0	0
Events of Public Health Importance	Maternal Mortality	D	0	0	0	1	0	0	0	1	1	1	3	0	1	0	0	8	114	
	Neonatal Mortality	D	0	0	0	0	0	1	0	2	0	2	15	0	0	0	1	21	260	
	AEFI	A	3	0	0	1	2	15	2	1	0	0	0	0	1	0	2	27	258	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	1	0	1	0	0	1	2	5	65	12	
		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	3	1	1	3	3	0	5	6	1	7	34	10	1	1	2	78	1,304	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	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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 Tropical Diseases	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			7	7	3	8	0	31	0	21	0	32	0	17	0	12	12	269	6023	40

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.