



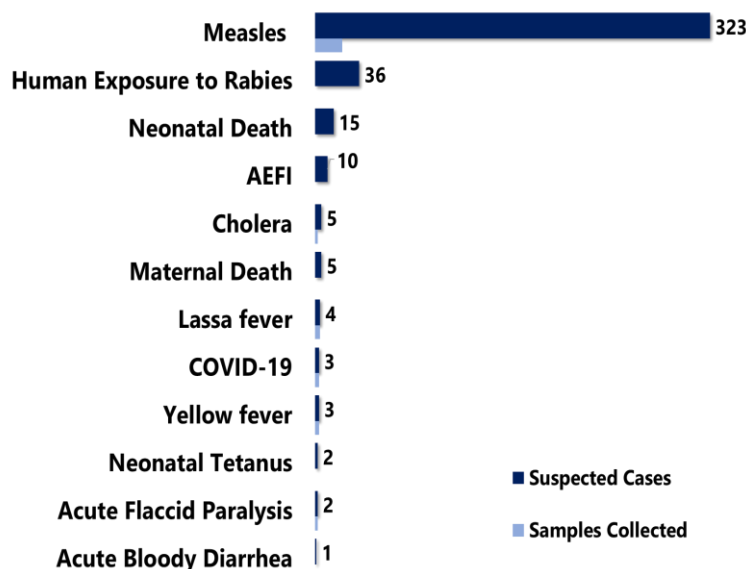
# Liberia IDSR Epidemiology Bulletin

Epi-week 26 (June 27-July 3, 2022)

Country Population: 5,104,413 | Volume 14 Issue 26 | June 27-July 3, 2022 | Data Source: CSOs from 15 Counties and Laboratory

## Highlights

### Figure 1: Public Health Events Reported during this week



### Keynotes and Events of Public Health Significance

- ♦ **A total of 409 events** of public health importance including **20 deaths** were reported
- ♦ **Completeness and timeliness** of health facility reports were **99%**
- ♦ **Ongoing Lassa fever** outbreak in two counties
- ♦ **Ongoing Measles** outbreak in fourteen counties
- ♦ **Three (3) new confirmed COVID-19** cases reported from Montserrado County

\*Adverse Events Following Immunization /Adverse Drug Reaction

## Reporting Coverage

**Table 1: Health Facility Weekly IDSR Reporting Coverage, Liberia, Epi Week 26, 2022**

County	Expected from HF*	Reports Received	Received on Time	Completeness (%)	Timeliness (%)
Bomi	26	26	26	100	100
Bong	57	57	57	100	100
Gbarpolu	15	15	15	100	100
Grand Bassa	36	36	36	100	100
Grand Cape Mount	34	34	34	100	100
Grand Gedeh	24	24	24	100	100
Grand Kru	19	19	19	100	100
Lofa	61	61	61	100	100
Margibi	55	55	55	100	100
Maryland	27	27	27	100	100
Montserrado	326	326	326	100	100
Nimba	91	88	88	97	97
Rivercess	20	20	20	100	100
River Gee	20	20	20	100	100
Sinoe	37	37	37	100	100
<b>Liberia</b>	<b>848</b>	<b>845</b>	<b>845</b>	<b>99</b>	<b>99</b>

**845 (99%)**  
Health facilities reported IDSR data

**93 (100%)**  
Health districts reported IDSR data

**845 (99%)**  
Health facilities reported timely IDSR data

- ♦ The national target for weekly IDSR reporting is 80%. Health facility timeliness is monitored at health district level
- ♦ All counties submitted weekly IDSR reports to the national level on times.

Legend: ≥80 <80



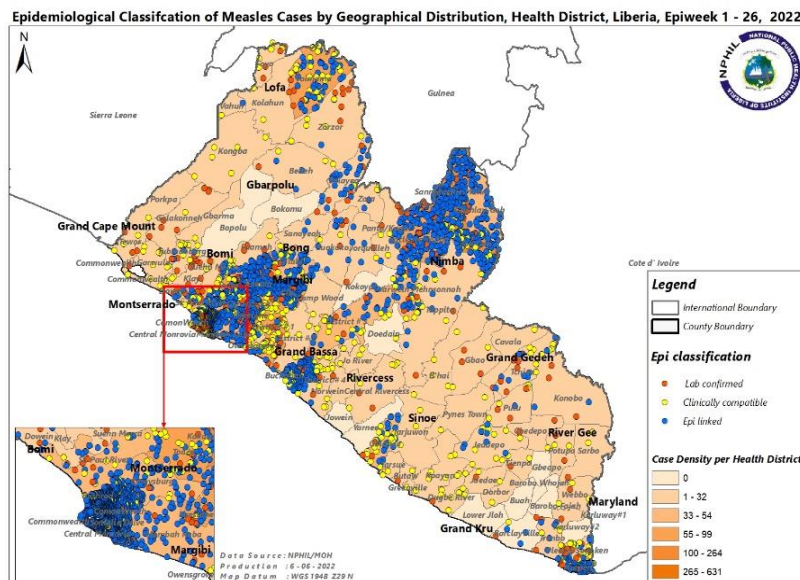
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## Vaccine Preventable Diseases

### Measles

- ☞ Three hundred twenty-three (323) suspected cases including 1 death reported from Montserrado: Montserrado (226), Margibi (22), Bong (15), Maryland (11), Nimba (10), Grand Gedeh (8), Grand Bassa (5), Lofa (5), Gbarpolu (4), Sinoe (4), Rivercess (4), Bomi (3), Grand Cape Mount (3), and Grand Kru (3) Counties.
- ☞ Twenty-two (22) specimens collected and pending testing
- ☞ Vaccination status among suspected cases
  - Vaccinated: (153) 47%
  - Not vaccinated: (145) 45%
  - Unknown: (26) 8%
- ☞ Age distribution among suspected cases
  - < 5 years: (188) 58%
  - ≥5 years: (136) 42%
- ☞ Cumulatively five thousand three hundred seven (5,307) suspected cases have been reported including 67 deaths
  - (4,897) 92% confirmed:
    - ✓ Laboratory confirmed: (364) 7%
    - ✓ Clinically compatible: (526) 5%
    - ✓ Epidemiologically linked: (4,007) 82%
  - Non-measles discarded: 410
    - ✓ 18 tested positive for Rubella
  - Rejected samples: 17
  - Proportion of samples collected: (796/5,307) 15%
  - Proportion of samples tested: (774/796) 98%



## Outbreak

### Measles: (Situation update as of the 13th December 2021-3<sup>rd</sup> July, 2022)

**Montserrado County: Commonwealth, Bushrod, Somalia Drive, St. Paul, Central Monrovia, Todee and Careysburg Districts**

- ☞ Two hundred twenty-six (226) new cases reported from Bushrod (69), Somalia Drive (63), Commonwealth (47), Central Monrovia (23), Todee (17), St. Paul (5), and Careysburg (2) Districts
- ☞ A total of 2,908 cases have been confirmed
  - Median age 5 (1month-59years)
  - CFR (41/2,908) 1.4%
  - Vaccinated - (1,390/2,908) 47.8%
  - Unknown - (25/2,908) 0.9%



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## Bong County: Suakoko, Zota, Jorquelleh, Salala, and Panta Districts (Situation update as of 20th December 2021-3rd July, 2022)

- 📁 Fifteen (15) new case reported from Salala (7), Jorquelleh (7), and Suakoko (1) districts
- 📁 A total of 175 cases have been confirmed including two (2) deaths
  - Median age 8 (3 months - 38 years)
  - CFR (2/175) 1%

## Lofa County: Voinjama, Foyah, Zorzor and Salala Districts (Situation update as of 21st January – 3rd July, 2022)

- 📁 Five (5) new cases reported from Foya (2), Voinjama (4), and Zorzor (1) districts
- 📁 A total of 141 cases have been confirmed
  - Median age: 10 (2 months-46years)
  - Vaccinated: (131/141) 93%
  - Unknown: (3/141) 2%

## Nimba County: Sacleapea-Mah, Zoe-Geh, Tappita, Yarwin Mehnsonnoh, and Sanniquellie-Mah Districts (Situation update as of 20th January-3rd July, 2022)

- 📁 Ten (10) new cases reported from Sanniquellie-Mah (3), Yarwin Mehnsonnoh (3), Tappita (2), and Sacleapea-Mah (2) Districts
- 📁 A total of five hundred thirty-nine (539) cases have been confirmed
  - Median age 7 (2 months- 48years)
  - Vaccinated : (22/539) 4%
  - Unknown: (18/539) 3%

## Maryland County: Harper and Pleebo Districts (Situation update as of 1st February- 3rd July, 2022)

- 📁 Eleven (11) new cases reported from Pleebo (6), and Harper (5) districts
- 📁 A total of 123 cases have been confirmed
  - Median age 7 (7 months-48 years)
  - Vaccinated: (14/123) 11.4%
  - Unknown: (77/123) 63%

## Grand Bassa County: District #1, District#2, District #3A&B, District #4, Owensgrove, and Buchanan Districts (Situation update as of 22nd April- 3rd July, 2022)

- 📁 Five (5) new cases reported from Buchanan District
- 📁 A total of 320 cases including one death have been confirmed
  - Median age 8 (1 month-48 years)
  - Vaccinated: (123/320) 38%
  - Unknown: (63/320) 19.7%
  - CFR (1/320) 0.3%

## Bomi County: Senjeh, Suehn Mecca, Dowein and Klay Districts (Situation update as of 7th March- 3rd July, 2022)

- 📁 Three (3) new cases recorded from Senjeh District
- 📁 A total of 55 cases have been confirmed including 3 deaths
  - Median age 7 (1 month-48 years)
  - Vaccinated: (26/55) 47.3%
  - Unknown: (35/55) 63.6%
  - CFR (3/55) 5.5%

## Grand Kru: Trehn District (Situation update as of 14th March – 3rd July, 2022)

- 📁 Three (3) new cases reported from Trehn District
- 📁 A total of 13 cases confirmed
  - Median age 9 (5 months- 9 years)



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- Vaccinated: (10/10) 100%
- Unknown: 0

## Rivercess: Central C District (Situation update as of 16 March – 3<sup>rd</sup> July, 2022)

- 👉 Four (4) new cases reported from Central C District
- 👉 A total 20 clinically confirmed cases have been recorded
  - Median age 6 (6 months -36 years)
  - Vaccinated: (6/20) 30%
  - Unknown: (10/20) 50%

## Margibi County: Firestone, Gibi, Kakata, and Mamba Kaba Districts (Situation update as of 28 February–3<sup>rd</sup> July, 2022)

- 👉 Twenty-two (22) new cases reported from Firestone (12), Gibi (5), Kakata (4), and Mamba Kaba (1), districts
- 👉 A total of 323 cases confirmed
  - Median age 6 (4 months - 67 years)
  - Vaccinated: (242/323) 75%
  - Unknown: (80/323) 25%

## Grand Cape Mount County: Gola Konneh, and Garwula Districts (Situation update as of 10 March – 3<sup>rd</sup> July, 2022)

- 👉 Three (3) new cases reported from Gola Konneh (2), and Garwula (1) districts
- 👉 A total of 57 cases have been confirmed
  - Median age 12 (5 months – 32 years)
  - Vaccinated: (48/57) 84%
  - Unknown (4/57) 7%

## Grand Gedeh County: Tchien, Konobo, and Gbao Districts (Situation update as of 10<sup>th</sup> March –3<sup>rd</sup> July, 2022)

- 👉 Eight (8) new cases reported from Tchien (4), Konobo (3), and Gbao (1) districts
- 👉 A total of 47 cases have been confirmed
  - Median age 6 (6 month-35 years)
  - Vaccinated (24/47) 51%
  - Unknown: (9/47) 19%

## Gbarpolu: Belle and Kongba Districts (Situation update as of 22<sup>nd</sup> February- 3<sup>rd</sup> July, 2022)

- 👉 Four (4) new cases reported from Belle (2), and Kongba (2) districts
- 👉 A total of 17 cases have been confirmed
  - Range (7 months -22 year)
  - Vaccinated: (4/17) 23.5%
  - Unknown: (7/17) 41.2%

## Sinoe: Gblonee and Jedepo Districts (Situation update as of 19<sup>th</sup> May -3<sup>rd</sup> July, 2022)

- 👉 Four (4) new cases reported from Gblonee District
- 👉 A total of 75 cases have been confirmed
  - Median age (2 months -38 years)
  - Vaccinated: (42/75) 56%
  - Unknown (19/75) 25%

## Public Health Actions

- 👉 Continue case management and follow up with home-based cases (Maryland and Rivercess) Counties
- 👉 Airing of measles prevention and control messages on going (Rivercess, Bong, and Lofa) Counties
- 👉 Awareness and sensitization of family members ongoing in Grand Bassa County



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## Challenges

- Limited essential medications/ medical supplies for case management
- No support for response making it difficult to get information from field (Bong)
- Limited specimen collection kits for measles (Margibi)

## Acute Flaccid Paralysis (AFP)

- 👉 Two (2) cases reported from Bong County
- 👉 Two (2) specimens collected
  - pending shipment
- 👉 Cumulatively, seventy (72) cases have been reported

## Neonatal Tetanus

- 👉 Two (2) cases reported from Montserrado County
- 👉 Cumulatively, thirty (30) clinically diagnosed cases reported

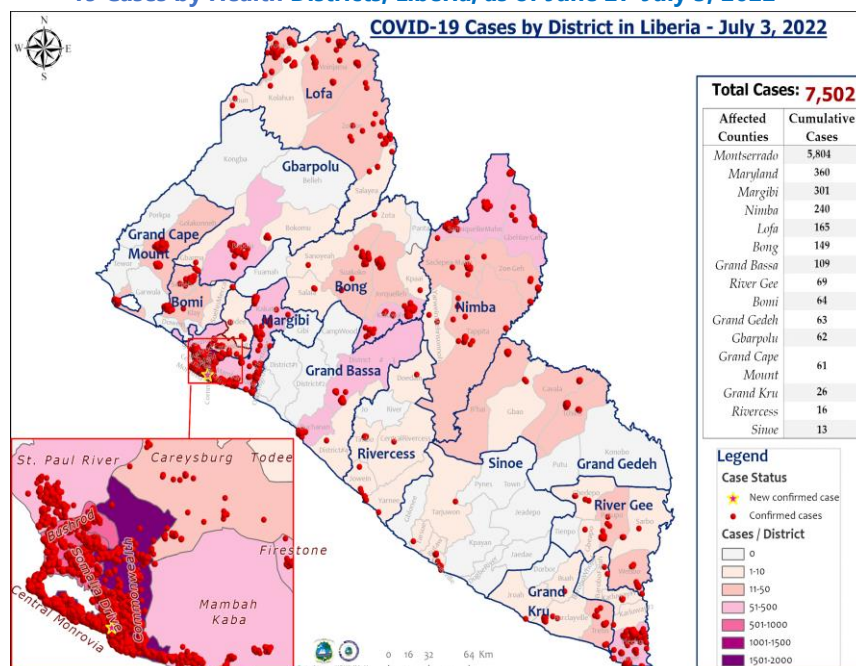
## Influenza-Like Illnesses

### Coronavirus Disease (COVID-19)

#### Outbreak

- 👉 Three (3) new confirmed cases reported from Montserrado County
- 👉 Nine (9) active cases were reported from Montserrado (8), and Margibi (1) Counties
- 👉 A total of six hundred seven (607) confirmed cases have been reported since epi week 1
- 👉 Cumulatively, seven thousand five hundred two (7,502) confirmed cases recorded including 294 deaths.
  - 412 healthcare workers (including 8 deaths) reported with 17,690 contacts generated

**Figure 2: Geographical Distribution of Laboratory Confirmed COVID-19 Cases by Health Districts, Liberia, as of June 27-July 3, 2022**



## Public Health Actions

- 👉 Weekly IMS coordination meeting
  - On-going.
- 👉 Surveillance activities including active case search and case investigation on-going in affected county using WHO interim guidelines
- 👉 Case management ongoing for confirmed cases
- 👉 Compulsory testing among outgoing travelers as required by country of destination ongoing

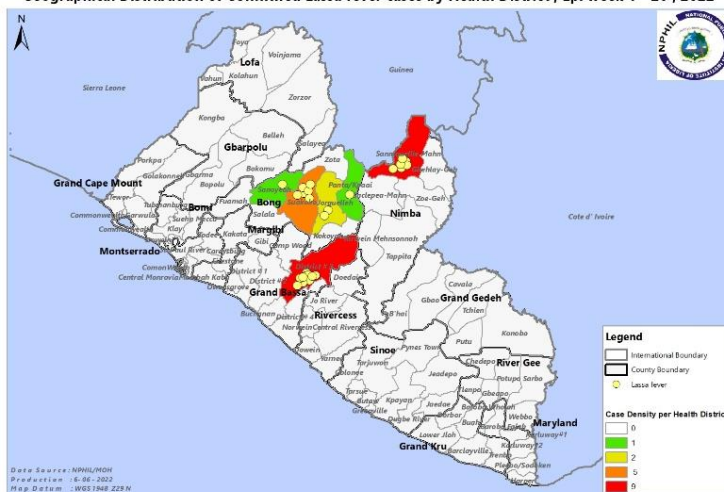


## Viral Hemorrhagic Diseases

### Lassa fever

- 👉 Four (4) suspected cases reported: Montserrado (2), and Bong (2) counties
- 👉 Four (4) specimens collected and tested negative
- 👉 Cumulatively, eighty-five (85) suspected cases have been reported including 10 deaths
  - Twenty-nine (29) confirmed cases recorded including 10 deaths
  - CFR: (8/29) 28%
  - Proportion of suspected cases with sample collected (85/85) 100%
  - Proportion of suspected cases with sample tested (81/85) 95.2%
    - 2 samples rejected

Geographical Distribution of Confirmed Lassa fever cases by Health District, Epi week 1 - 26, 2022



### Outbreak

#### Lassa fever disease: (sitrep update as of June 19, 2022)

- 👉 No new confirmed cases reported
- 👉 Twenty-six (26) contacts under follow up
- 👉 Cumulatively, twenty-nine (29) laboratory-confirmed cases including 8 deaths reported (CFR=28%)

#### Grand Bassa County: District #3 A&B

- 👉 No new confirmed case reported
- 👉 Cumulative cases: 11
  - CFR (2/11) 18%
- 👉 Cumulative contacts: 42
  - 11 contacts generated and under follow-up
  - 31 completed 21 days follow up

### Public Health Measures

- 👉 Risk communication interventions
  - Ongoing community engagement
  - Encourage radio station (Radio Gorgelee) at LAC to air Lassa fever messages and jingles
- 👉 Surveillance
  - Active case search ongoing in the affected health district
  - Heighten surveillance in all districts
  - Daily sitreps shared regularly to national level

#### Bong County: Suakoko and Jorquelleh Districts

- 👉 Two (2) new confirmed cases recorded from Suakoko and Jorquelleh



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👉 Cumulatively, thirteen (13) confirmed cases including (2) deaths (CFR 15%)

- Suakoko District: 8 cases and 2 deaths
- Jorquellah District: 3 cases
- Sanoyea District: 1 case
- Kpaai District: 1 case

👉 Total of one hundred fifty-seven (157) contacts generated

- 142 completed 21 days follow up
- 15 (86 HCWs, 2 family members) under follow up

## Public Health Measures

👉 Risk communication interventions

- Daily health talk in all health facilities on priority diseases
- Airing of LF preventive and control messages

👉 Case management

- Isolation of cases
- Administration of ribavirin

👉 Surveillance

- Active case search ongoing in the affected health district
- Heighten surveillance in all districts
- Daily situational reports are shared regularly to national level

## Yellow fever

👉 Three (3) suspected case reported from Grand Kru, Montserrado, and Sinoe Counties

👉 Three (3) specimens collected and pending testing

👉 Cumulatively, fifty-one (51) suspected cases have been reported

- Proportion of suspected cases with sample collected (45/51) 88%
- Proportion of suspected cases with sample tested (41/51) 80%

## Diarrheal Diseases

### Acute Bloody Diarrhea (Suspected Shigellosis)

👉 One (1) suspected case reported from Lofa County

- No specimen collected

👉 Cumulatively, two hundred eighty-one (281) suspected cases reported

- One hundred thirty-two (132) specimens collected; 109 received by the lab
  - 1 positive (Grand Gedeh), 92 negative
  - 11 rejected
  - 5 specimens not tested (discarded)

### Severe Acute Watery Diarrhea (Suspected Cholera)

👉 Five (5) suspected cases reported: Rivercess (2), Bomi (1), Margibi (1), and Sinoe (1) Counties

👉 Two (2) specimens were collected and 1 tested negative and 1 pending testing



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📁 Cumulatively, two hundred three (203) suspected cases reported

- 108 specimens collected; 62 received by the lab
- 53 tested negative
- 5 rejected
- 4 specimens not tested

## Other Reportable Diseases

### Animal bite (Human Exposure to Rabies)

Thirty-six (36) animal bite cases were reported: Montserrado (7), Grand Kru (7), Nimba (5), Margibi (4), Grand Bassa (3), Lofa (3), Bomi (2), Maryland (2), Bong (1), Sinoe (1), and Rivercess (1) Counties

- Four (4) persons (11%) received PEP

📁 Cumulatively, one thousand one hundred twenty-seven (1,127) animal bite cases reported

- Dog bites account for 100%
- 1-4 doses (PEP) administered to about (181/1,127) 16% of patients

## Public Health Actions

📁 Administration of post exposure prophylaxis

### Meningitis

📁 Zero case reported

📁 Cumulatively, twenty-one (21) suspected cases reported

- One (1) confirmed

### Monkey pox

📁 Zero suspected case reported

📁 Cumulatively, fifteen (15) suspected cases reported, one (1) specimen collected pending shipment

## Events of Public Health Importance

### Maternal Mortality

📁 Five (5) deaths reported: Montserrado (2), Margibi (1), Bong (1), and Sinoe (1) Counties

- Cause of death: Post-partum Hemorrhage (3), Sepsis (2)
- All deaths occurred at the health facility

📁 Cumulatively, one hundred seventy-one (171) deaths reported

- Proportion of deaths reviewed (48/171) 28%
- Proportion of community deaths (16/171) 9.3%
  - Proportion of community deaths reviewed: (8/16) 50%

### Neonatal Mortality

📁 Fifteen (15) deaths reported: Montserrado (6), Margibi (3), Bong (2), Gbarpolu (1), Grand Kru (1), Bomi (1), and Nimba (1) counties

- Causes of death: Birth asphyxia (10), Sepsis (3), Neonatal tetanus (2)
- Twenty deaths occurred at the health facility





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📁 Cumulatively, four hundred sixty-eight (468) deaths have been reported

- Proportion of deaths reviewed (55/468) 12%
- Proportion of community deaths (17/468) 4%
  - Proportion of deaths reviewed from community (3/17) 18%

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

📁 Ten (10) cases reported: Grand Kru (6), Grand Gedeh (2), Grand Cape Mount (1), and Lofa (1) Counties

- Related vaccines:
  - COVID-19

📁 Cumulatively: Two hundred fifty-three (253) events reported with (205/253) 81% related to COVID-19

📁 Proportion of COVID-19 vaccine

- J&J vaccine – (153/253) 60%
- AstraZeneca – (6/253) 2%
- Pfizer – (46/253) 18.2%

📁 Proportion of other vaccine related events – (48/253) 19%

## Public Health Actions

- 📁 All events were investigated, categorized as *non-serious AEFI and symptomatically treated*
- 📁 Active case search and community engagement ongoing

## Unexplained death

📁 Zero case reported

## Border Surveillance Update

**Table2: Border activity at the PoE for Incoming and Outgoing Travelers, Liberia, Epi week 25, 2022**

📁 A total of 5,970 travelers recorded for the week with incoming travelers accounting for 46.3% (2,762/5,970)

Type of Ports	Point of Entry	Weekly total	Arrival	Departure	Total travelers with YB	Yellow Book Damage	Card Replaced	Vaccinated against YF & Issued	Alerts detected/ Verified	COVID-19 Reactive	Evidence of COVID-19 vaccination card/certificate
Airport	James S. Paynes	82	46	36	82	0	0	0	0	0	10
	Robert Int'l Airport	4209	2005	2204	4197	3	0	9	0	0	4193
Seaport	Freeport of Monrovia	260	130	130	260	0	0	0	0	0	260
	Buchanan Port	118	59	59	118	0	0	0	0	0	0
Land Crossing	Bo Water Side	663	324	339	646	0	17	0	0	0	61
	Ganta	388	107	281	385	3	0	0	0	0	38
	Yekepa	103	36	67	86	17	0	0	0	0	46
	Loguatu	147	55	92	139	8	0	0	0	0	40
<b>Total</b>		<b>5,970</b>	<b>2,762</b>	<b>3,208</b>	<b>5,913</b>	<b>31</b>	<b>17</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>4,648</b>

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

## Public Health Measures

### National level

- 📁 Providing technical, logistical, and financial support to counties
  - Production and publication of situational reports
  - Ongoing assessment in Margibi County by MSF and NPHIL
  - Data harmonization between Riders for Health and NPHIL ongoing
  - Drafted fact sheets on Anthrax, Monkey pox, and Pertussis pending approval for distribution to counties



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- Drafted Monkey pox case definition, SOP, FAQ and national outbreak response guideline, and developed case-based forms for monkey pox awaiting stakeholders' inputs for approval
- Piloted the updated RRT training package in Gbarpolu County with support from AFENET
  - Trained seventeen (17) personnel's' under fourteen (14) core-functions
- Teams are in the field rolling out the IDSR 3<sup>rd</sup> Edition training in Grand Kru, Maryland, and River Gee Counties supported by GIZ (Health Focus, PIH, and Samaritan's Purse)

## 👉 Operational Activity

- Continued support for operational activities ongoing

## County level

### 👉 Surveillance

- Restrained and monitoring of domestic animal (Dog) and following up with people possibly exposed to rabies
- Publication of situational reports
- Active case search ongoing in affected and surrounding communities

### 👉 Case Management

- Administration of PEP and ribavirin
- Management of measles cases ongoing

# Appendix

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

Counties		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	1	0	0	0	0	0	1	1	0	1	0	4	70	0	
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Measles	A	2	1	1	27	9	3	0	4	8	2	175	14	2	0	12	260	4890	328
		D	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	66	0
	Neonatal Tetanus	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	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	0	0	0	0	0	0	0	0	0	1	48	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	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
	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	3	0	0	0	0	0	0	0	0	0	0	0	4	71	21
		D	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	10	8
Influenza-Like Illnesses	COVID-19	A	0	0	0	0	0	0	0	1	0	3	0	0	0	0	4	604	7498	
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	294	
Diarrheal Diseases	Acute Bloody Diarrhoea (Shigellosis)	A	0	0	1	0	0	0	1	1	0	1	0	1	0	0	3	8	280	1
		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	1	1	0	1	0	0	0	0	4	8	198	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Events of Public Health Importance	Maternal Mortality	D	0	1	0	0	0	1	0	0	0	2	0	0	0	0	4	166		
	Neonatal Mortality	D	0	2	0	0	0	0	2	0	0	1	6	2	0	0	13	451		
	Adverse Events Following Immunization (AEFI)	A	0		0	0	2	3	0	0	0	0	0	0	2	2	9	243	0	
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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	Monkeypox	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	
		D	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 Rabies)	A	1	8	0	3	2	0	3	3	4	3	15	3	1	1	1	48	1090	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
	Meningitis	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	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	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	36	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL		3	13	2	36	14	7	7	9	13	8	202	22	3	4	22	365	8290	8150	

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:  $\geq 80\%$ ). Time requirement for weekly IDSR reports:
  - Health facility - required on or before 5:00pm every Saturday to the district level
  - Health district - required on or before 5:00pm every Sunday to the county level
  - County - required on or before 5:00pm 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 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 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)

### MISSION

To prevent and control public health threats by promoting healthy outcomes and serving as a source of knowledge

### VISION

A center of excellence to create health outcomes for Liberians through a strong preventive health system and expertise

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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.