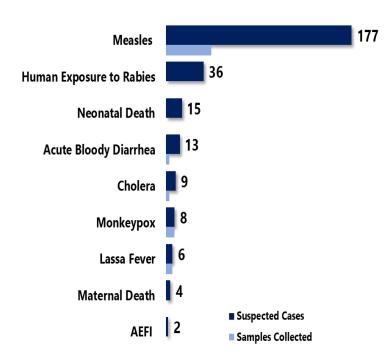


Epi-week 4 (January 23 - 29, 2023)

Country Population: 5,104,413 | Volume 18 Issue 4 | January 23 -29, 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 270 events of public health importance including 19 deaths reported
- ◆ Completeness and timeliness of health facility reports were both 99%
- Ongoing Lassa fever outbreak in 2 Counties
- Ongoing Measles outbreak in 11 Counties
- ◆ Ongoing Monkey pox outbreak in Rivercess and Lofa Counties

Adverse Events Following Immunization/Adverse Drug Reaction

Reporting Coverage

Table 1: Health Facility Weekly IDSR Reporting Coverage, Liberia, Epi-week 4, 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 | 318 | 318 | 318 | 100 | 99 |
| Nimba | 91 | 91 | 91 | 100 | 100 |
| Rivercess | 21 | 21 | 21 | 100 | 100 |
| River Gee | 20 | 20 | 20 | 100 | 100 |
| Sinoe | 41 | 41 | 41 | 100 | 100 |
| Liberia | 877 | 877 | 877 | 100 | 100 |

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

Legend: ≥80 <80



Epi-week 4 (January 23 - 29, 2023)

Vaccine-Preventable Diseases

Measles

Table 2: Distribution of Measles cases per county and epi-classification, Liberia, Epi week 4, 2023

177 suspected cases

43 specimens collected

0 Specimen tested

| | CURRE | NT WEEK | CUMULATIVE CONFIRMED | | ATION OF | CONFIRMED 1-4 | CUMULATIVE | CFR |
|---------------------|-----------|-----------|----------------------|------------------|----------------|--------------------------|------------|------|
| COUNTY | SUSPECTED | CONFIRMED | CASES WEEK 1-4 | Lab confirmed | Epi- Linked | Clinically Compatible | DEATHS | (%) |
| Bomi | 1 | 1 | 8 | 2 | 2 | 4 | 0 | 0.0 |
| Bong | 9 | 9 | 26 | 2 | 10 | 14 | 1 | 3.8 |
| Gbarpolu | 12 | 12 | 12 | 0 | 0 | 12 | 0 | 0.0 |
| Grand Bassa | 9 | 9 | 20 | 0 | 20 | 0 | 0 | 0.0 |
| Grand Cape Mount | 2 | 2 | 9 | 1 | 5 | 1 | 0 | 0.0 |
| Grand Gedeh | 7 | 7 | 21 | 0 | 0 | 14 | 0 | 0.0 |
| Grand Kru | 42 | 42 | 145 | 0 | 144 | 1 | 2 | 1.4 |
| Lofa | 4 | 4 | 10 | 0 | 1 9 | | 0 | 0.0 |
| Margibi | 6 | 6 | 17 | 0 | 17 | 0 | 0 | 0.0 |
| Maryland | 38 | 38 | 104 | 0 | 103 | 1 | 0 | 0.0 |
| Montserrado | 18 | 18 | 92 | 1 | 90 | 0 | 0 | 0.0 |
| Nimba | 21 | 21 | 40 | 1 | 39 | 0 | 2 | 5.0 |
| River Gee | 1 | 1 | 7 | 0 | 1 | 6 | 0 | 0.0 |
| Rivercess | 2 | 2 | 5 | 0 | 5 | 0 | 0 | 0.0 |
| Sinoe | 5 | 5 | 13 | 2 | 1 | 7 | 0 | 0.0 |
| Total | | | 529 | 9 | 438 | 69 | 5 | 10.2 |

Table 3: Vaccination Status of Measles Cases, Liberia, Epi week 4, 2023

| | | | Number of Dos | ses Received |
|------------------|------------|----------|---------------|---------------------|
| County | Vaccinated | One Dose | Two Doses | Doses Not indicated |
| Bomi | 1 | 0 | 1 | 0 |
| Bong | 5 | 0 | 1 | 4 |
| Gbarpolu | 8 | 8 | 0 | 0 |
| Grand Cape Mount | 2 | 2 | 0 | 0 |
| Grand Gedeh | 5 | 1 | 0 | 4 |
| Grand Kru | 9 | 0 | 0 | 9 |
| Lofa | <u>4</u> | 4 | 0 | 0 |
| Margibi | 2 | 2 | 0 | 0 |
| Maryland | 3 | 2 | 1 | 0 |
| Montserrado | 18 | 14 | 4 | 0 |
| Nimba | 8 | 8 | 0 | 0 |
| River Gee | 1 | 0 | 0 | 1 |
| Rivercess | 2 | 2 | 0 | 0 |
| Sinoe | 3 | 3 | 0 | 0 |
| Grand Total | 71 | 46 | 7 | 18 |



Epi-week 4 (January 23 - 29, 2023)

Outbreak Section

Table 4: Cumulative Distribution of Measles Cases and Deaths, 13th December 2021-1st February 2023

| COUNTY | CUMULA TIVE SUSPECT | CUMULATI VE CONFIRME | | SIFICAT FIRMED | | | SIFICAT IRMED I | | CUMUL ATIVE DEATHS | CFR (%) | # CONFIR MED CASES | # CONFIRM ED CASES WEEK | % CHANGE | Outbreak Status |
|----------------|---------------------------|----------------------------|----------------------|-------------------|------------------------------|----------------------|--------------------|------------------------------|--------------------------|------------|--------------------|----------------------------------|-------------|--------------------|
| | ED CASES | D CASES | Lab confirm ed | Epi Linke d | Clinically Compati ble | Lab confirm ed | Epi Linke d | Clinically Compati ble | DEATHS | | WEEK 2 | 3 | | |
| Montserrado | 4, 460 | 4,399 | 139 | 4,106 | 154 | 3 | 61 | 3 | 67 | 1.6 | 23 | 18 | -22 | Ongoing |
| Nimba | 812 | 783 | 35 | 710 | 38 | 0 | 0 | 2 | 3 | 0.1 | 6 | 21 | 250 | Ongoing |
| Margibi | 647 | 626 | 33 | 585 | 8 | 0 | 1 | 1 | 1 | 0 | 6 | 6 | 200 | Ongoing |
| Grand Bassa | 806 | 769 | 40 | 627 | 102 | 1 | 6 | 0 | 7 | 1 | 6 | 9 | 50 | Ongoing |
| Lofa | 253 | 192 | 32 | 121 | 39 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | - 25 | Ongoing |
| Bong | 415 | 393 | 17 | 331 | 45 | 0 | 0 1 | 2 | 3 | 0.6 | 4 | 5 | | Ongoing |
| Maryland | 484 | 492 | 22 | 451 | 19 | 0 | 0 | 0 | 0 | 0 | 7 | 38 | -442 | Ongoing |
| Grand Gedeh | 256 | 143 | 30 | 80 | 33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | Ended |
| Sinoe | 193 | 155 | 30 | 61 | 64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | Ended |
| Bomi | 119 | 86 | 33 | 37 | 16 | 1 | 2 | 2 | 5 | 7.4 | 3 | 1 | -67 | Ongoing |
| Grd Cape Mt | 156 | 137 | 16 | 94 | 27 | 0 | 2 | 1 | 3 | 2.7 | 2 | 2 | - | Ongoing |
| Grand Kru | 410 | 384 | 16 | 362 | 6 | 0 | 2 | 0 | 2 | 0 | 37 | 42 | -14 | Ongoing |
| Gbarpolu | 74 | 60 | 5 | 50 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | Ended |
| Rivercess | 101 | 82 | 20 | 55 | 7 | 0 | 1 | 0 | 1 | 1.3 | 2 | 0 | - | Ongoing |
| River Gee | 14 | 4 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | Ended |
| Total | 9,200 | 8,705 | 471 | 7,670 | 564 | 5 | 76 | 11 | 92 | 1.5 | 96 | 144 | | |

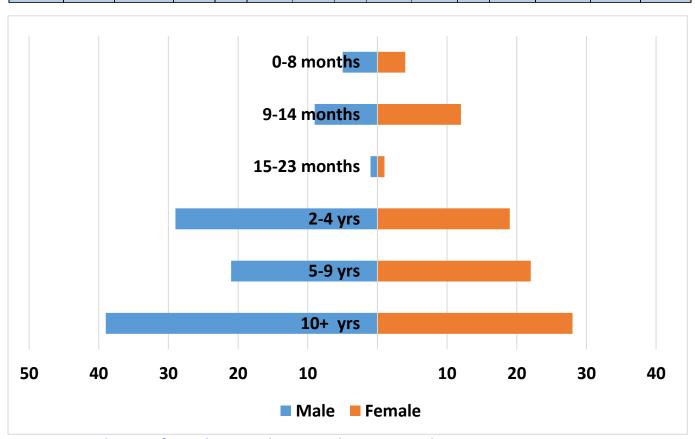


Figure 2: Distribution of Measles Cases by Age and Sex, epi-week 4, 2023



Epi-week 4 (January 23 - 29, 2023)

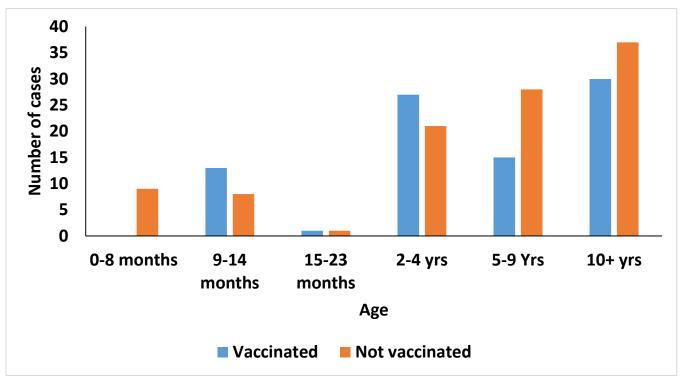


Figure 3: Vaccination Status of Measles Cases by Age group, epi-week 4, 2023

Public Health Response

I. Coordination

Ongoing monitoring of measles surveillance data with the provision of feedback to relevant stakeholders and developmental partners

II. Epidemiological Surveillance

Active case search and line listing of cases ongoing

III. Case Management

Isolation and treatment of cases ongoing

V. Laboratory

Four hundred ninety-seven (497) cases have been confirmed by the laboratory across the 15 counties

VI. Risk Communication and Community Engagement

Community engagement and health education ongoing in affected counties

Acute Flaccid Paralysis (AFP)

- Zero cases were reported

Neonatal Tetanus

- Zero cases were reported
- Cumulatively, one (1) case reported



Epi-week 4 (January 23 - 29, 2023)

Influenza-Like Illnesses

Coronavirus Disease (COVID-19)

Outbreak

- No new confirmed case reported
- Cumulatively, eight thousand, twenty-two (8,062)
 confirmed cases, including 294 deaths
 - 601 healthcare workers
- A total of 17,827 contacts have been generated
 - o 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

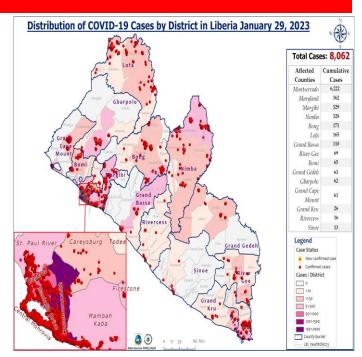


Figure 4: Geographical Distribution of Laboratory Confirmed COVID-19 Cases by Health Districts, Liberia, as of Jan 23-29, 2023

Influenza Like Illnesses

Zero cases reported

Viral Hemorrhagic Diseases

Lassa fever

- Fix (6) suspected cases were reported from Bong (3), Bomi (1), Lofa (1), and Grand Bassa (1) Counties
- Specimens were collected: 3 tested negatives and 3 pending testing
- Cumulatively, (28) suspected cases reported
 - o Proportion of suspected cases with a sample collected (27/28) 96%
 - o Proportion of suspected cases with sample tested (22/28) 79%

Outbreak

Lassa fever disease

- Zero new confirmed cases were reported
- Ninety-four (94) contacts under 21 days' follow-up
- Cumulatively, eighty-four (84) laboratory-confirmed cases including 26 deaths reported (CFR=31%)



Epi-week 4 (January 23 - 29, 2023)

Table 5: Summary of Lassa fever Outbreak, Liberia, January 6, 2022 to January 29, 2023

| County | Outbreak Start Dates | Outbreak Districts | Total suspected cases | Total confirmed cases | Total Deaths | CFR % | Confirmed cases in HCW | Total contacts | #HCWs contacts | Contact under follow-up | Contacts completed |
|-------------|--|--|-----------------------------|-----------------------------|-----------------|-------|------------------------------|-------------------|-------------------|-------------------------------|-----------------------|
| Bong | January 6, 2022 to date | Suakoko, Sanoyea, & Jorquelleh | 87 | 33 | 6 | 18 | 8 | 291 | 179 | 76 | 215 |
| pa S | January 18 April 15, 2022 | Sanniquellei-Mah | 14 | 7 | 4 | 57 | 0 | | | | |
| Nimba | August 15 to date | Sanniquellei- Mah, Tappita, & Saclepea-Mah | 28 | 10 | 7 | 70 | 0 | 294 | 185 | 0 | 294 |
| assa | November 5, 2021- April 2, 2022 | District #3 A&B | 12 | 5 | 1 | 20 | 0 | 24 | 0 | 0 | 24 |
| Grand Bassa | May 5 to August 14, 2022 | District #3AB | 13 | 6 | 1 | 17 | 0 | 24 | 0 | 0 | 24 |
| | September 9 to date | District #3 A&B | 38 | 21 | 6 | 29 | 0 | 110 | 19 | 18 | 92 |

Public Health Measures

NPHIL continues to provide technical support to the affected counties

I. Surveillance:

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

II. RCCE

- o 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

Isolation and treatment of confirmed cases

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

Challenges

Lack of Ribavirin in country

Yellow fever

- Zero suspected case reported
- Cumulatively, one (1) suspected case reported
 - o Proportion of suspected cases with samples collected (1/1) 100%

Ebola Virus Disease

Zero suspected case reported



Epi-week 4 (January 23 - 29, 2023)

Diarrheal Diseases

Acute Bloody Diarrhea (Suspected Shigellosis)

- Thirteen (13) cases were reported from Sinoe (5), Grand Kru (4), Nimba (2), Gbarpolu (1), and Grand Gedeh (1) Counties
- Three specimens were collected and pending testing
- Cumulatively, thirty-one (31) cases reported

Severe Acute Watery Diarrhea (Suspected Cholera)

- Nine (9) cases were reported from Grand Kru (6), Maryland (2), and Sinoe (1) Counties
- Four specimens were collected and pending testing
- Cumulatively, twenty (20) suspected cases reported

Other Reportable Diseases

Animal bite (Human Exposure to Rabies)

Thirty-six (36) animal bite cases were reported:

Table 6: Distribution of Animal bite cases and PEP administration per county, Liberia, Epi week 4, 2023

| Counties | Cases | Person | PEP doses | Cumulative | Cumulative PEP |
|-------------|-------|---------------|--------------|----------------|---------------------|
| | | receiving PEP | administered | cases (Wk 1-4) | administered (Wk 1- |
| | | | | | 4) |
| Bomi | 0 | 0 | 0 | 3 | 0 |
| Bong | 5 | 1 | 1 | 14 | 4 |
| Gbarpolu | 0 | 0 | 0 | 0 | 0 |
| Grand Bassa | 4 | 0 | 0 | 11 | 0 |
| Grand Cape | 2 | 0 | 0 | 4 | 0 |
| Mount | | | | | |
| Grand Gedeh | 0 | 0 | 0 | 5 | 0 |
| Grand Kru | 0 | 0 | 0 | 15 | 9 |
| Lofa | 1 | 0 | 0 | 13 | 1 |
| Margibi | 3 | 1 | 1 | 16 | 8 |
| Maryland | 3 | 0 | 0 | 7 | 3 |
| Montserrado | 9 | 4 | 4 | 46 | 22 |
| Nimba | 8 | 1 | 1 | 21 | 4 |
| Rivercess | 1 | 0 | 0 | 10 | 0 |
| River Gee | 0 | 0 | 0 | 1 | 0 |
| Sinoe | 0 | 0 | 0 | 4 | 0 |
| Total | 36 | 7 (19%) | 7 | 170 | 51 (30%) |

Legend 1-2 doses 3-4 doses 5 doses

Public Health Actions

Ongoing monitoring and follow-up of cases

Meningitis

- Zero suspected case reported
- Cumulatively, four (4) suspected cases reported
 - Proportion of suspected cases with samples collected (4/4) 100%



Epi-week 4 (January 23 - 29, 2023)

Proportion of sample tested (3/4) 75%

Monkeypox

- Eight (8) suspected cases were reported from River Gee (3), Grand Gedeh (2), Rivercess (1) Nimba (1), and Maryland (1) Counties
- Specimens were collected: 5 tested negative, 1 positive, and 2 pending testing
- Cumulatively, fourteen (14) suspected cases reported

Outbreak

Monkeypox:

- One (1) new confirmed case reported
- Two contacts generated from new confirmed case 0777909595
- All nineteen (19) contacts completed follow-up
- Total confirmed cases reported: 4
- Counties currently in outbreak: 2

Table 7: Summary of Monkeypox Outbreak, Liberia, December 5, 2022 – January 29, 2023

| County | Outbreak Start Date | Outbreak Districts | Total suspected cases | Total confirmed cases | Total Deaths | CFR % | Total Contacts | # HCW contacts | Contacts under follow up | Contacts completed |
|-----------|---------------------------|-----------------------|-----------------------------|-----------------------------|-----------------|----------|-------------------|-------------------|-----------------------------------|-----------------------|
| Rivercess | Dec 5 to date | Central "C" | 3 | 2 | 0 | 0.0 | 8 | 2 | 2 | 6 |
| | Dec 22 to date | Salayea | 3 | 1 | 0 | 0.0 | 13 | 0 | 0 | 13 |
| Lofa | Dec 22 to date | Voinjama | 2 | 1 | 0 | 0.0 | .5 | Š | J | .3 |

Public Health Measures

I. Coordination

 National Public Health Institute of Liberia (NPHIL) and the Ministry of Health (MOH) along with partners are providing technical and financial support to affected counties

II. Epidemiological Surveillance

- Active case search, case investigation, and contact tracing ongoing in the affected and neighboring communities and districts
- Development and dissemination of Sitrep by affected county and national

III. Case management and IPC

- Symptomatic treatment of the suspected case initiated
- o IPC measures instituted in affected communities and schools

IV. Risk Communication and Community Engagement

Community engagement and awareness with local leaders and community health development committees
 in the affected community and surrounding towns ongoing



Epi-week 4 (January 23 - 29, 2023)

Key Challenges

- No specimen collection kits for monkeypox in Rivercess county
- No support from county-based partners for response activities
- Limited IPC materials for response activities
- Limited copies of monkeypox standard case definitions

Events of Public Health Importance

Maternal Mortality

- Four (4) deaths were reported from Montserrado (3), and Lofa (1) Counties
- Reported causes: Post-partum hemorrhage (2), obstructed labor (1), and sepsis (1)
- Reported sites:
 - o Health facility: 3 (75%)
 - o Community: 1(25%)
- Cumulatively, twenty-three (23), deaths reported
 - o Proportion of death review (5/23) 22%
 - o Proportion of community death (5/23) 22%

Neonatal Mortality

- Fifteen (15) deaths were reported: Montserrado (10), Grand Kru (2) Maryland (2), and Nimba (1), Counties
- Reported causes: Sepsis (5), birth asphyxia (5), anemia (2), preterm (1), and pending review (2)
- Reporting sites:
 - Health facility: (14) 93%
 - o Community: (1) 7%
- Cumulatively, forty (40) deaths reported

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

- Two (2) cases were reported from Grand Gedeh County
- Related vaccine:
 - o COVID-19 (2/2) 100%
- © Cumulatively, eight (8) events were reported and COVID-19 accounted for (4/8) 50%

Border Surveillance Update

A total of 5,170 travelers were recorded for the week with incoming travelers accounting for 47% (2,420/5,170)

Table 8: Border activity at the PoE for Incoming and Outgoing Travelers, Liberia, Epi week 4, 2023

| | | Weekly | | | Total traverlers | Yellow Book | Card | Vaccinated against YF & Issued | Alerts detected/ | COVID- 19 | COVID-19 vaccination card/certifi |
|---------------|-------------------------|--------|---------|-----------|---------------------|----------------|----------|--------------------------------|---------------------|--------------|-----------------------------------|
| Type of Ports | Point of Entry | total | Arrival | Departure | with YB | Damage | Replaced | book | Verified | Reactive | cate |
| | James S. Paynes | 66 | 13 | 53 | 6 | 0 | 0 | 0 | 0 | 0 | 6 |
| Airport | Robert Int'l Airport | 3611 | 1626 | 1985 | 3541 | 49 | 0 | 0 | 0 | 0 | 3543 |
| Seaport | Freeport of Monrovia | 340 | 170 | 170 | 340 | 0 | 0 | 0 | 0 | 0 | 340 |
| Seaport | Buchanan Port | 80 | 40 | 40 | 80 | 0 | 0 | 0 | 0 | 0 | 80 |
| | Bo Water Side | 547 | 327 | 220 | 538 | 0 | 5 | 4 | 0 | 0 | 374 |
| | Ganta | 324 | 137 | 187 | 215 | 13 | 10 | 0 | 0 | 0 | 222 |
| Land Crossing | Yekepa | 66 | 40 | 26 | 46 | 0 | 0 | 0 | 0 | 0 | 41 |
| | Loguatuo | 136 | 67 | 69 | 95 | 0 | 0 | 0 | 0 | 0 | 74 |
| Total | • | 5,170 | 2,420 | 2,750 | 4,861 | 62 | 15 | 4 | 0 | 0 | 4,680 |

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



Epi-week 4 (January 23 - 29, 2023)

Public Health Measures

National level

Trained 25 POE staff on vector control and Disease Surveillance in Bong, Grand Cape Mount, Margibi, Montserrado, and Nimba Counties

County-level

☞ Surveillance

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

Case Management

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

| Appendia | K | | | | | | | | | | | | | | | | | | | |
|--|--|--------|------|------|----------|-------------|------------------|-------------|-----------|------|---------|----------|-------------|---------|-----------|-----------|--------|--------------|---------------------|--------------------------|
| Summary | of Immediately Reportable I | Dise | ease | s, C | ond | itio | ns, a | and | Eve | nts | by (| Cour | nty | | | | | | | |
| | | | 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 |
| • | ed Health District | | 4 | 9 | 5 | 8 | 5 | 6 | 5 | 6 | 4 | 6 | 7 | 6 | 6 | 6 | 10 | 93 | | |
| - | District Reported | | 4 | 9 | 5 | 8 | 5 | 6 | 5 | 6 | 4 | 6 | 7 | 6 | 6 | 6 | 10 | 93 | | |
| isea | Acute Flaccid Paralysis (Suspected Polio) | Α | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| ē D | | D A | 0 | 9 | 0 | 9 | 0 | 7 | 0 42 | 0 | 6 | 0 38 | 0 18 | 0 21 | 0 | 0 | 0 5 | 0 177 | 0 529 | 0 |
| ntak | Measles | D | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| eve | | Α | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Viral Hemorrhagic Vaccine Preventable Disea | Neonatal Tetanus | D | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ë | Yellow fever | Α | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| , A | Tellow Tevel | D | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| gic I | Dengue fever | Α | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ę | - 9 | D | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ē | Ebola Virus Disease | Α | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ž | | D A | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 |
| ji al | Lassa fever | | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 1 | 6 |
| | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| J-ez | COVID-19 | A D | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ne ii: | | Α | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 |
| 重 | Influenza Like Illnesses | D | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ise | Acute Bloody Diarrhoea (Shigellosis) | Α | 0 | 0 | 1 | 0 | 0 | 1 | 4 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 5 | 13 | 31 | 0 |
| <u>e</u> D | Acute bloody blairiloea (Shilgeilosis) | D | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| j | Severe Agusta Matany Diamba as (Chalara) | Α | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 9 | 20 | 0 |
| Dia | Severe Acute Watery Diarrhoea (Cholera) | D | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ia II | Maternal Mortality | D | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 4 | 23 | |
| ž | Neonatal Mortality | D | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 10 | 1 | 0 | 0 | 0 | 15 | 40 | |
| Events of Public Healt Diarrheal Dise Influenza-Lik | | Α | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 8 | 0 |
| J. P. | Adverse Events Following Immunization (AEFI) | D | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ıts (| Harvalained Chatan af H. M. S (5) | Α | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Evel | Unexplained Cluster of Health Events/Disease | D | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | Α | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 3 | 0 | 8 | 14 | 0 |
| ses | Monkeypox | D | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Reportable Diseases | | Α | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| e Di | Tuberculosis | D | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| tabl | Human Exposure to Rabies (Suspected Human | Α | 0 | 5 | 0 | 4 | 2 | 0 | 0 | 1 | 3 | 3 | 9 | 8 | 1 | 0 | 0 | 36 | 170 | 0 |
| Ď | Traman Exposure to Rabies (Suspected Human | D | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| r Re | Meningitis | Α | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 |
| the | | D | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | Unexplained Cluster of deaths | Α | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | D A | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Neglected Tr | Buruli Ulcer | D | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jed | | A | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Š, | Yaws | D | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | то | TAL | 2 | 17 | 13 | 14 | 0 | 12 | 0 | 7 | 0 | 46 | 0 | 33 | 0 | 4 | 11 | 270 | 880 | 7 |

D = Dead **A** = Alive

Notes

- **Completeness** refers to the proportion of expected weekly IDSR reports received (target: ≥80%)
- Timeliness refers to the proportion of expected weekly IDSR reports received by the next level on time (target: ≥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: ≥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

Ralph W. Jetoh, MD, MPH

Director

Infectious Disease and Epidemiology Division
National Public Health Institute of Liberia
Republic of Liberia

Email: ralphica2000@gmail.com
Phone: +231 886526388/777372655
Website: www.nphil.gov.lr

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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.