



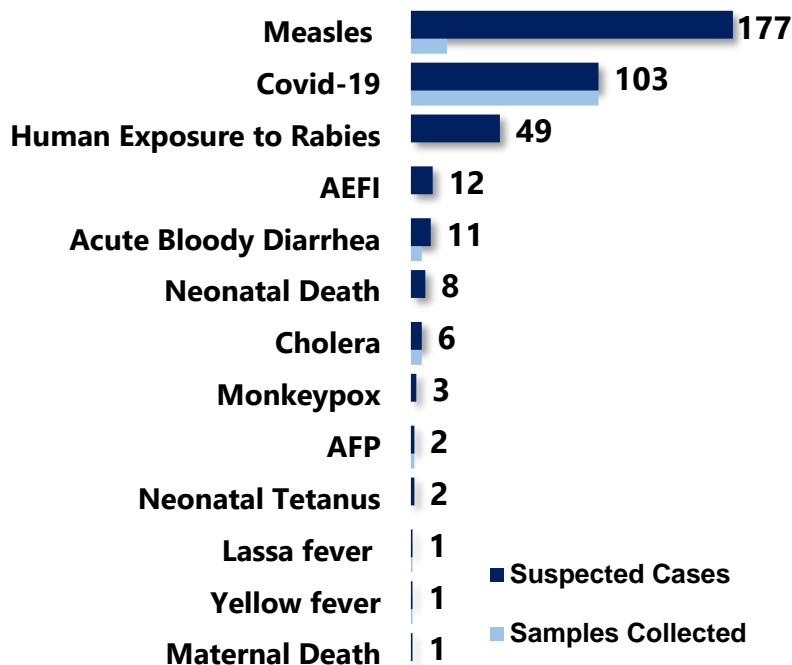
Liberia IDSR Epidemiology Bulletin

Epi-week 33 (August 15-21, 2022)

Country Population: 5,104,413 | Volume 17 Issue 33 | August 15-21, 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 376 events of public health importance including 9 deaths were reported
- ♦ Completeness and timeliness of health facility reports were both 99%
- ♦ Ongoing Monkey pox outbreak in 2 County
- ♦ Ongoing Lassa fever outbreak in 2 Counties
- ♦ Ongoing Measles outbreak in 15 Counties
- ♦ One hundred three new confirmed COVID-19 cases in four Counties

*Adverse Events Following Immunization/Adverse Drug Reaction

Reporting Coverage

Table 1: Health Facility Weekly IDSR Reporting Coverage, Liberia, Epi-week 33, 2022

County	Expected Reports From HF*	Reports Received	Received on Time	Completeness (%)	Timeliness (%)
Bomi	26	26	26	100	100
Bong	57	57	57	100	100
Gbarpolu	16	15	15	94	94
Grand Bassa	36	36	36	100	100
Grand Cape Mount	34	34	34	100	100
Grand Gedeh	24	24	24	100	100
Grand Kru	23	22	22	98	98
Lofa	66	66	66	100	100
Margibi	59	56	56	98	98
Maryland	27	27	27	100	100
Montserrado	326	326	325	100	99
Nimba	88	85	85	97	97
Rivercess	21	21	21	100	100
River Gee	20	20	20	100	100
Sinoe	37	37	37	100	100
Liberia	860	852	851	99	99

852(99%)
Health facilities reported IDSR data

93 (100%)
Health districts reported IDSR data

851(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 time

Legend: ≥80 <80

Vaccine Preventable Diseases

Measles

One hundred seventy-seven (177) suspected cases reported: Montserrado (68), Grand Kru (48), Grand Gedeh (16), Bong (12), Grand Bassa (8), Maryland (7), Nimba (4), Grand Cape Mount (3), Margibi (3), Lofa (2), Rivercess (2), Sinoe (2), Bomi (1), and River Gee (1) Counties.

Twenty (20) specimens collected and pending testing:

Vaccination status among suspected cases

- Vaccinated: (72) 41%
- Not vaccinated: (87) 49%
- Unknown: (17) 10%

Age distribution among suspected cases

- < 5 years: (97) 55%
- ≥ 5 years: (80) 45%

Cumulatively six thousand nine, eighteen (6,918) suspected cases have been reported including 77 deaths

(6,422) 93% confirmed:

- ✓ Laboratory confirmed: (427) 7%
- ✓ Clinically compatible: (549) 9%
- ✓ Epidemiologically linked: (5,446) 85%

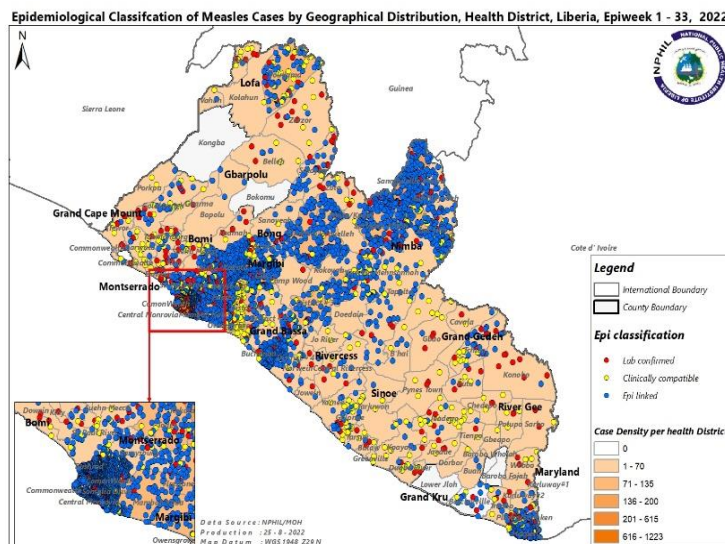
Non-measles discarded: 496

- ✓ 30 tested positive for Rubella

Proportion of samples collected: (1,048/6,918) 15%

Proportion of samples tested: (923/1,048) 88%

CFR: (77/6,422) 1.2%



Outbreak

Measles: (Situation update as of the 13th December 2021-21stAugust, 2022)

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

Sixty-eight (68) new cases reported from Somalia Drive (32), Commonwealth (20), Bushrod (5), Central Monrovia (5), St Paul (3), Todee (2), and Central Monrovia (1) Districts

A total of 3,628 cases have been confirmed including sixty-three (63) deaths

- Median age 6 (1month-59years)
- Vaccinated - (1,691/3,628) 47%
- Unknown - (40/3,628) 1%



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📁 CFR (63/3,628) 1.7%

Bong County: Suakoko, Zota, Jorquelleh, Salala, and Panta Districts (Situation update as of 20th December 2021- 21st August, 2022)

- 📁 Twelve (12) new case reported from Salala District
- 📁 A total of 341 cases have been confirmed including two (2) deaths
 - Median age 8 (1 month - 38 years)
 - Vaccinated - (111/341) 33%
 - Unknown - (59/341) 17%
 - CFR (2/341) 0.6%

Lofa County: Voinjama, Foyah, Zorzor and Salayea Districts (Situation update as of 21st January – 21st August, 2022)

- 📁 Two (2) new cases reported from Zorzor (1), and Salayea (1) Districts
- 📁 A total of 156 cases have been confirmed
 - Median age: 10 (2 months-46years)
 - Vaccinated: (148/156) 95%
 - Unknown: (3/156) 2%

Nimba County: Gbehlay-Geh, Sacleapea-Mah, Zoe-Geh, Tappita, Yarwin Mehnsonnoh, and Sanniquellie-Mah Districts (Situation update as of 20th January-21st August, 2022)

- 📁 Four (4) new cases reported from Tappita (2), and Sanniquellie-Mah (2) Districts
- 📁 A total of 620 cases have been confirmed
 - Median age 7 (2 months- 48years)
 - Vaccinated : (127/620) 20%
 - Unknown: (105/620) 17%

Maryland County: Harper and Pleebo Districts (Situation update as of 1st February- 21st August, 2022)

- 📁 Five (7) new cases reported from Pleebo (3), and Harper (2) Districts
- 📁 A total of 178 cases have been confirmed
 - Median age 7 (7 months-48 years)
 - Vaccinated: (24/178) 13%
 - Unknown: (103/178) 58%

Grand Bassa County: District #1, District#2, Owens grove, and Buchanan Districts (Situation update as of 22nd April - 21st August, 2022)

- 📁 Eight (8) new cases reported from Buchanan (4), Owens grove (2), District #1 (1), and District #2 (1) Districts
- 📁 A total of 519 cases including three (3) deaths have been confirmed
 - Median age 7 (1 month-45 years)
 - Vaccinated: (208/519) 40%
 - Unknown: (103/519) 20%
 - CFR (3/519) 0.6%

Gbarpolu: Belle and Kongba Districts (Situation update as of 22nd February- 21st August, 2022)

- 📁 No new case reported
- 📁 A total of 15 cases have been confirmed
 - Median age 10 (1-24 years)
 - Vaccinated: (7/15) 47%



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- Unknown: (2/15) 13%

Bomi County: Klay District (Situation update as of 14th March-21st August, 2022)

- 📁 One (1) new case reported from Klay District
- 📁 A total of 67 cases have been confirmed including 6 deaths
 - Median age 7 (1 month-48 years)
 - Vaccinated: (30/67) 45%
 - Unknown: (20/67) 30%
 - CFR (6/67) 9%

Grand Kru: Trehn and Barclayville Districts (Situation update as of 14th March – 21st August, 2022)

- 📁 Forty-eight (48) new cases reported Barclayville (47), and Trehn (1) Districts
- 📁 A total of 78 cases confirmed
 - Median age 9 (53 months-18 years)
 - Vaccinated: (52/78) 67%
 - Unknown: 0

Rivercess: Central C District (Situation update as of 16th March – 21st August, 2022)

- 📁 Two (2) new cases reported from Central C District
- 📁 A total 26 confirmed cases have been recorded
 - Median age 5 (6 months -36 years)
 - Vaccinated: (5/26) 21%
 - Unknown: (14/26) 58%
 - CFR: (1/26) 4%

Margibi County: Firestone, Gibi, Kakata, and Mamba Kaba Districts (Situation update as of 28th February–21st August, 2022)

- 📁 Three (3) new cases reported from Gibi (2), and Mamba Kaba (1) Districts
- 📁 A total of 513 cases have been confirmed
 - Median age 6 (4 months - 67 years)
 - Vaccinated: (266/513) 52%
 - Unknown: (95/513) 19%

Grand Cape Mount County: Gola Konneh, District (Situation update as of 10th March –21st August, 2022)

- 📁 Three (3) new case reported from Gola Konneh District
- 📁 A total of 76 cases have been confirmed including 3 deaths
 - Median age 12 (2 months – 45 years)
 - Vaccinated: (61/78) 78%
 - Unknown (2/78) 3%
 - CFR: (3/78) 3.8%

Grand Gedeh County: Tchien, Konobo, Bhai and Gbao Districts (Situation update as of 10th March –21st August, 2022)

- 📁 Sixteen (16) new cases reported from Tchien (9), Konobo (4) and B'hai (3) Districts
- 📁 A total of 83 cases have been confirmed
 - Median age 6 (6 months-35 years)
 - Vaccinated (37/83) 45%
 - Unknown: (22/83) 27%

Sinoe: Gblonee, Dugbeh River, Kpanyan and Jedepo Districts (Situation update as of 19th May -21st August, 2022)

- 📁 Two (2) new case reported from Kpanyan District
- 📁 A total of 104 cases have been confirmed



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- Median age 6 (2 months-38 years)
- Vaccinated: (62/104) 60%
- Unknown (23/104) 22%

River Gee: Chedepo, Putu, and Potupo Districts (Situation update as of 29th June- 21st August, 2022)

- 👉 One (1) new case reported from Potupo District
- 👉 A total of 11 cases have been confirmed
 - Median age 10 (9months-48 years)
 - Vaccinated: (9/11) 82%
 - Unknown: 0

Public Health Response

I. Coordination

- 👉 Ongoing monitoring of measles surveillance data with 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 of cases ongoing

IV. Immunization

- 👉 **Phase 2** of the nationwide Measles campaign completed:
 - Total children targeted- 313, 817
 - Total children vaccinated- 281, 639
 - Coverage-90%
 - Age group 9-59 months
 - Supported by WHO and UNICEF
- 👉 **Phase 1:**
 - Total children targeted - 260,438
 - Total children vaccinated - 109,258
 - Coverage -42%
 - Age group 9-35 months
 - Supported by WHO and UNICEF

V. Laboratory

- Three hundred seventy-three (429) cases have been confirmed by laboratory from 62 health districts in 15 counties
- Lack of specimen collection kit in Grand Cape Mount County

VI. Risk Communication and Community Engagement

- Airing of measles prevention and control messages ongoing (Rivercess, Bomi and Lofa) counties

VII. Challenges

- Lacked of essential medications and medical supplies for case management
- No support for surveillance team for field work
- Delay lab result from NPHRL

Next steps

- NPHIL/partners to procure essential drugs for case management



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- Develop national Measles preparedness and response guide.
- Develop and validate national Measles and Rubella Surveillance guide.
- Develop and validate Measles SOP.
- Continue social mobilization

Acute Flaccid Paralysis (AFP)

- 👉 Two (2) cases reported from Nimba, and Gbarpolu Counties
 - Two specimens collected and shipped
- 👉 Cumulatively, eighty-one (81) cases have been reported

Neonatal Tetanus

- 👉 Two (2 including 1 death) cases reported from Grand Bassa (dead) and Montserrado Counties
- 👉 Cumulatively, thirty-eight (38) clinically diagnosed cases reported

Influenza-Like Illnesses

Coronavirus Disease (COVID-19)

Outbreak

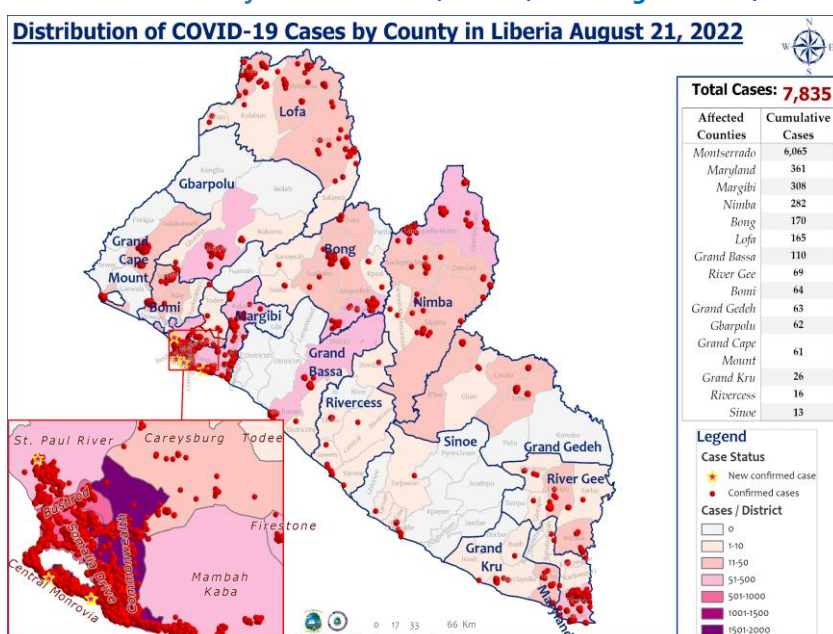
- 👉 One hundred three (103) new confirmed cases reported from Montserrado (63), Bong (20), Nimba (16), and Margibi (4) Counties
- 👉 One hundred seventy-seven (177) active cases were reported from Montserrado (130), Nimba (23), Bong (20), and Margibi (4) Counties
- 👉 A total of nine hundred twenty-six (926) confirmed cases have been reported since epi week 1
- 👉 Cumulatively, seven thousand eight hundred thirty-five (7,835) confirmed cases recorded including 294 deaths.

- 412 healthcare workers (including 8 deaths) reported with 17,823 contacts generated

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

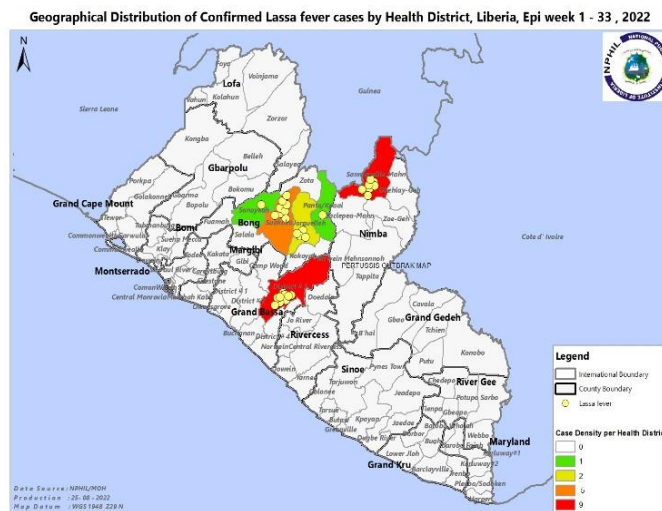
Figure 2: Geographical Distribution of Laboratory Confirmed COVID-19 Cases by Health Districts, Liberia, as of August 15-21, 2022



Viral Hemorrhagic Diseases

Lassa fever

- 👉 One (1) suspected case reported from Montserrado County
- 👉 Specimen collected and tested negative
- 👉 Cumulatively, one hundred two (102) suspected cases have been reported including 14 deaths
 - Thirty-three (33) confirmed cases recorded including 10 deaths
 - Sixty-five (65) negatives
 - Case Fatality Rate: (10/33) 30%
 - Proportion of suspected cases with sample collected (101/102) 99%
 - Proportion of suspected cases with sample tested (98/101) 97%
 - 2 samples rejected
 - 1 not collected



Outbreak

Lassa fever disease: (Sitrep update as of August 25, 2022)

- 👉 No new confirmed case reported
- 👉 Twenty-seven (27) contacts generated and under 21 days follow up
- 👉 Cumulatively, thirty-three (33) laboratory-confirmed cases including 10 deaths reported (CFR=30%)

Nimba County: Sanniquellie-Mah District

- 👉 No new confirmed case reported from Sanniquellie-Mah District
- 👉 Cumulative case: 1
 - CFR (1/1) 100%
- 👉 Cumulative contacts: 27 (17 health care workers)
 - All contacts under 21 days follow up

Public Health Measures

- 👉 NPHIL and MOH providing technical and logistical support to counties
 - Conducting community engagement on the prevention of Lassa fever, rodent control measures and hygiene
 - Encouraging affected communities to enhance clean-up campaigns

Bong County: Jorquellah Districts

- 👉 No new confirmed case reported
- 👉 Countdown to end of outbreak (31 days)
- 👉 Cumulatively, fourteen (14) confirmed cases including (3) deaths (CFR 21.4%)
 - Suakoko District: 9 cases and 3 deaths
 - Jorquellah District: 3 cases
 - Sanoyea District: 1 case
 - Kpaai District: 1 case
- 👉 Total of one hundred fifty-seven (157) contacts generated
 - All contacts completed 21 days follow up



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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
 - Isolated, managed, and discharged cases
- 👉 Surveillance
 - Active case search ongoing in the affected health districts
 - Heighten surveillance in all districts
 - Daily situational reports are shared regularly to national level

Yellow fever

- 👉 One (1) suspected case reported from River Gee County
- 👉 Specimen was collected and pending testing
- 👉 Cumulatively, fifty-eight (58) suspected cases have been reported
 - Proportion of suspected cases with sample collected (52/58) 90%
 - Proportion of suspected cases with sample tested (45/52) 87%
 - Samples pending testing (7/52) 13%

Diarrheal Diseases

Acute Bloody Diarrhea (Suspected Shigellosis)

- 👉 Eleven (11) suspected cases reported from Grand Kru (3), Sinoe (2), Rivercess (1), Lofa (1), Nimba (1), Margibi (1), Grand Gedeh (1), and River Gee (1) Counties
- 👉 Six (6) specimens collected and pending testing
- 👉 Cumulatively, three hundred twenty-eight (328) suspected cases reported
 - One hundred fifty-eight (158) specimens collected; 131 received by the lab
 - 106 tested negative
 - 1 positive (Grand Gedeh)
 - 11 rejected
 - 13 specimens not tested

Severe Acute Watery Diarrhea (Suspected Cholera)

- 👉 Six (6) suspected cases reported from Grand Kru (2), Sinoe (2), Maryland (1), and River Gee (1) Counties
- 👉 Six (6) specimens were collected and pending testing
- 👉 Cumulatively, two hundred forty-five (245) suspected cases reported
 - 134 specimens collected; 88 received by the lab
 - 58 tested negative
 - 5 rejected
 - 25 specimens not tested



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Other Reportable Diseases

Animal bite (Human Exposure to Rabies)

- 📁 Forty-nine (49) animal bite cases were reported: Montserrado (16), Nimba (8), Lofa (5), Maryland (4) Margibi (3), Grand Kru (3), Bong (2), Grand Bassa (2), Grand Cape Mount (2), Gbarpolu (1), Bomi (1), River Gee (1), and Sinoe (1) Counties
- 📁 Persons received Post Exposure Prophylaxis (PEP) (6/49) 12%
- 📁 Cumulatively, one thousand three hundred eighty-three (1,383) animal bite cases reported
 - Dog bites account for 100%
 - 1-4 doses (PEP) administered to (236) 17% patients

Public Health Actions

- 📁 Administration of post exposure prophylaxis

Meningitis

- 📁 Zero suspected cases reported
- 📁 Cumulatively, twenty-four (24) suspected cases reported
 - One (1) confirmed

Monkeypox

- 📁 Three (3) new suspected cases reported from Grand Bassa, Bomi, and Grand Kru Counties
- 📁 Cumulatively, thirty-four (34) suspected cases reported
 - Two (2) confirmed

Outbreak

Monkey pox: (sitrep update as of August 14, 2022)

- 📁 No new confirmed case reported
- 📁 Cumulatively, 2 cases reported and discharged
- 📁 Seven (7) contacts have been identified and completed 21 days follow-up

Public Health Measures

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

Events of Public Health Importance

Maternal Mortality

- 📁 One (1) death reported from Montserrado County
 - Cause of death: Sepsis
 - The death occurred at the health facility
- 📁 Cumulatively, two hundred four (204) deaths have been reported
 - Proportion of deaths reviewed (49/204) 24%
 - Proportion of community deaths (19/204) 9%
 - Proportion of community deaths reviewed: (8/19) 42%



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Neonatal Mortality

- ✎ Eight (8) deaths reported: Montserrado (4), Bong (1), Gbarpolu (1), Nimba (1), and Margibi (1) Counties
 - Causes of death: Birth asphyxia (5), Sepsis (1), Prolonged labor (1), and Tetanus (1)
 - All deaths occurred at the health facility
- ✎ Cumulatively, five hundred thirty-two (532) deaths have been reported
 - Proportion of deaths reviewed (60/532) 11%
 - Proportion of community deaths (21/532) 4%
 - Proportion of deaths reviewed from community (8/21) 38%

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

- ✎ Twelve (12) cases reported: Grand Gedeh (8), and Grand Kru (4) Counties
 - Related vaccines:
 - Penta – (9/12) 75%
 - COVID-19 (2/12) 17%
 - Tetanus Toxoid (TT) (1/12) 8%
- ✎ Cumulatively three hundred fifty-two (352) events reported with (228/352) 65% related to COVID-19
- ✎ Proportion of COVID-19 vaccine
 - J&J vaccine – (169/228) 74%
 - AstraZeneca – (6/228) 3%
 - Pfizer – (53/228) 23%
- ✎ Proportion of other vaccine related events – (124/352) 35%

Public Health Actions

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

Border Surveillance Update

- ✎ A total of 5,347 travelers recorded for the week with incoming travelers accounting for 50% (2,675/5,347)

Table2: Border activity at the PoE for Incoming and Outgoing Travelers, Liberia, Epi week 33, 2022

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	90	50	40	90	0	0	0	0	0	14
	Robert Int'l Airport	3725	1832	1893	3691	30	0	4	0	0	3608
Seaport	Freeport of Monrovia	190	95	95	190	0	0	0	0	0	190
	Buchanan Port	36	18	18	36	0	0	0	0	0	36
Land Crossing	Bo Water Side	538	347	191	500	0	28	10	0	0	74
	Ganta	521	203	318	478	14	29	0	0	0	67
	Yekepa	120	72	48	95	25	0	0	0	0	20
	Loguatu	127	58	69	121	6	0	0	0	0	19
Total		5,347	2,675	2,672	5,201	75	57	14	0	0	4,028

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



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Public Health Measures

National level

- 👉 Providing technical, logistical, and financial support to counties
 - Production and publication of situational reports
 - Training of IDSR 3rd edition ongoing in Nimba and Lofa Counties
 - Influenza sentinel training ongoing in Bong and Nimba Counties
 - RRT district level training ongoing in Grand Cape Mount County
 - Conducted Simulation exercise in Grand Cape Mount County
- 👉 Operational Activity
 - Continued support for operational activities ongoing

County level

- 👉 **Surveillance**
 - Conducting Measles vaccination campaign
 - 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	1	0	0	0	0	0	0	0	1	0	0	0	2	81	0	
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Measles	A	1	12	0	8	3	16	48	2	3	7	68	4	2	1	2	177	6,918	427
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	77	0
	Neonatal Tetanus	A	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	2	38	0
		D	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0
Yellow fever	A	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	58	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	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	102	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	32	33
Influenza-Like Illnesses	COVID-19	A	0	20	0	0	0	0	0	4	0	63	16	0	0	0	103	7,835	7,529	
		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	0	0	1	3	1	1	0	0	1	1	1	2	11	328	1	
		D	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	2	0	0	1	0	0	0	1	2	6	245	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	0	0	0	0	0	0	0	0	1	0	0	0	0	1	204		
	Neonatal Mortality	D	0	1	1	0	0	0	0	1	0	4	1	0	0	0	8	532		
	Adverse Events Following Immunization (AEFI)	A	0	0	0	0	0	8	4	0	0	0	0	0	0	0	12	352	0	
		D	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	Monkeypox	A	1	0	0	1	0	0	1	0	0	0	0	0	0	0	3	34	2	
		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	2	1	2	2	0	3	5	3	4	16	8	0	1	1	49	1,383	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	Meningitis	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	1
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Unexplained Cluster of deaths	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neglected 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		3	35	3	13	5	25	61	8	12	12	154	31	3	5	7	378	18245	8287	

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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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.