



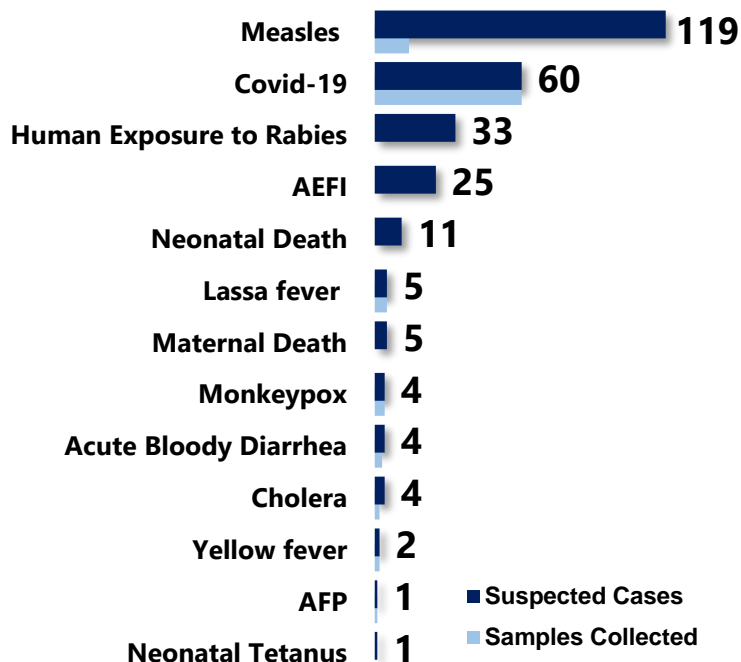
Liberia IDSR Epidemiology Bulletin

Epi-week 34 (August 22-28, 2022)

Country Population: 5,104,413 | Volume 17 Issue 34 | August 22-28, 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 274 events of public health importance including 17 deaths were reported
- ♦ Completeness and timeliness of health facility reports were both 97%
- ♦ Ongoing Lassa fever outbreak in 2 Counties
- ♦ Ongoing Measles outbreak in 15 Counties
- ♦ Sixty new confirmed COVID-19 cases in three Counties

*Adverse Events Following Immunization/Adverse Drug Reaction

Reporting Coverage

Table 1: Health Facility Weekly IDSR Reporting Coverage, Liberia, Epi-week 34, 2022

County	Expected Reports From HF*	Reports Received	Received on Time	Completeness (%)	Timeliness (%)
Bomi	26	26	26	100	100
Bong	57	41	41	72	72
Gbarpolu	16	16	16	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	23	22	21	96	91
Lofa	66	66	66	100	100
Margibi	59	56	56	95	95
Maryland	27	27	27	100	100
Montserrado	326	326	323	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	837	833	97	97

837(97%)
Health facilities reported IDSR data

91 (98%)
Health districts reported IDSR data

833(97%)
Health facilities reported timely IDSR data

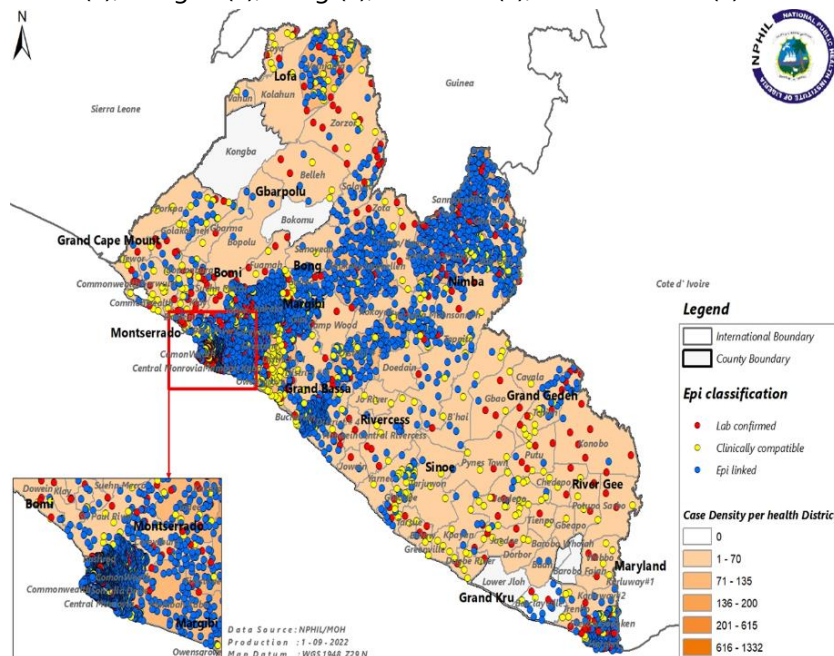
- ♦ The national target for weekly IDSR reporting is 80%. Health facility timeliness is monitored at health district level
- ♦ All counties except Bong submitted weekly IDSR reports to the national level on time

Legend: ≥80 <80

Vaccine Preventable Diseases

Measles

- ✍ One hundred nineteen (119) suspected cases reported: Montserrado (51), Grand Bassa (17), Maryland (8), Grand Cape Mount (8), Sinoe (8), Nimba (7), Grand Gedeh (6), Margibi (5), Bong (5), Rivercess (3), and River Gee (1) Counties.
- ✍ Fourteen (14) specimens collected: 2 tested negative and 12 pending testing:
- ✍ Vaccination status among suspected cases
 - Vaccinated: (70) 59%
 - Not vaccinated: (34) 29%
 - Unknown: (15) 13%
- ✍ Age distribution among suspected cases
 - < 5 years: (67) 56%
 - ≥ 5 years: (52) 44%
- ✍ Cumulatively seven thousand forty-three (7,043) suspected cases have been reported including 77 deaths
 - (6,534) 93% confirmed:
 - ✓ Laboratory confirmed: (433) 7%
 - ✓ Clinically compatible: (556) 9%
 - ✓ Epidemiologically linked: (5,545) 85%
 - Non-measles discarded: 509
 - ✓ 36 tested positive for Rubella
- ✍ Proportion of samples collected: (1,088/7,043) 15%
- ✍ Proportion of samples tested: (942/1,088) 87%
- ✍ CFR: (77/6,534) 1.2%



Geographical distribution of Measles Cases by epidemiological classification, health district, Liberia, Epi-week 1 - 34, 2022

Outbreak

Measles: (Situation update as of the 13th December 2021-28th August, 2022)

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

- ✍ Fifty-one (51) new cases reported from Somalia Drive (20), Commonwealth (19), Bushrod (6), Todee (4), Central Monrovia (1), and Careysburg (1) Districts
- ✍ A total of 3,679 cases have been confirmed including sixty-three (64) deaths
 - Median age 6 (1month-59years)
 - Vaccinated - (1,725/3,679) 47%
 - Unknown - (40/3,679) 1%
- ✍ CFR (64/3,679) 1.7%

Bong County: Suakoko, Zota, Jorquellah, Salala, and Panta Districts (Situation update as of 20th December 2021-28th August, 2022)

- ✍ Five (5) new cases reported from Suakoko District
- ✍ A total of 346 cases have been confirmed including two (2) deaths
 - Median age 8 (1 month - 38 years)
 - Vaccinated - (113/346) 33%
 - Unknown - (59/346) 17%
 - CFR (2/346) 0.6%



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Lofa County: Voinjama, Foyah, Zorzor and Salayea Districts (Situation update as of 21st January- 28th August, 2022)

- 📁 No new case reported
- 📁 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-28th August, 2022)

- 📁 Seven (7) new cases reported from Tappita (4), Zoe-Geh (2), and Sacleapea-Mah (1) Districts
- 📁 A total of 627 cases have been confirmed
 - Median age 7 (2 months- 48years)
 - Vaccinated: (128/627) 20%
 - Unknown: (105/627) 17%

Maryland County: Harper and Pleebo Districts (Situation update as of 1st February- 28th August, 2022)

- 📁 Eight (8) new cases reported from Pleebo (7), and Harper (1) Districts
- 📁 A total of 186 cases have been confirmed
 - Median age 7 (7 months-48 years)
 - Vaccinated: (27/186) 15%
 - Unknown: (106/186) 57%

Grand Bassa County: District #1, District#2, Owens grove, and Buchanan Districts (Situation update as of 22nd April -28th August, 2022)

- 📁 Seventeen (17) new cases reported from Buchanan (8), District# 3A&B (4), District #4 (3) and Owensgrove (2), 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- 28th August, 2022)

No new case reported

- 📁 A total of 15 cases have been confirmed
 - Median age 10 (1-24 years)
 - Vaccinated: (7/15) 47%
 - Unknown: (2/15) 13%

Bomi County: Klay District (Situation update as of 14th March-28th August, 2022)

- 📁 No new case reported
- 📁 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%



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Grand Kru: Trehn and Barclayville Districts (Situation update as of 14th March – 28th August, 2022)

- 📁 No new cases reported 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 – 28th August, 2022)

- 📁 Three (3) new cases reported from Timbo District
- 📁 A total 29 confirmed cases have been recorded
 - Median age 5 (6 months -36 years)
 - Vaccinated: (7/29) 24%
 - Unknown: (15/29) 52%
 - CFR: (1/29) 3%

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

- 📁 Five (5) new cases reported from Kakata (4), and Mamba Kaba (1) Districts
- 📁 A total of 518 cases have been confirmed
 - Median age 6 (4 months - 67 years)
 - Vaccinated: (268/518) 52%
 - Unknown: (95/518) 18%

Grand Cape Mount County: Gola Konneh, District (Situation update as of 10th March –28th August, 2022)

- 📁 Eight (8) new cases reported from Gola Konneh District
- 📁 A total of 84 cases have been confirmed including 3 deaths
 - Median age 12 (2 months – 45 years)
 - Vaccinated: (69/84) 82%
 - Unknown (2/84) 2%
 - CFR: (3/84) 3.6%

Grand Gedeh County: Tchien, Konobo, Bhai and Gbao Districts (Situation update as of 10th March–28th August, 2022)

- 📁 Six (6) new cases reported from Tchien (3), B'hai (2), and Konobo (1) Districts
- 📁 A total of 89 cases have been confirmed
 - Median age 6 (6 months-35 years)
 - Vaccinated (40/89) 45%
 - Unknown: (23/89) 26%

Sinoe: Gblonee, Dugbeh River, Kpanyan and Jedepo Districts (Situation update as of 19th May -28th August, 2022)

- 📁 Eight (8) new cases reported from Kpanyan District
- 📁 A total of 112 cases have been confirmed
 - Median age 6 (2 months-38 years)
 - Vaccinated: (68/112) 61%
 - Unknown (25/112) 22%

River Gee: Chedepo, Putu, and Potupo Districts (Situation update as of 29th June- 28th August, 2022)

- 📁 One (1) new case reported from Potupo District



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📁 A total of 12 cases have been confirmed

- Median age 10 (9months-48 years)
- Vaccinated: (10/12) 83%
- 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

📁 Result of the nationwide Measles campaign completed:

- Total children targeted- 574,255
- Total children vaccinated- 390,897
- Coverage-68%
- Age group 9-59 months
- Supported by WHO and UNICEF

V. Laboratory

- Three hundred seventy-eight (378) cases have been confirmed by laboratory from 62 health districts in 15 counties

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
- 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)

📁 One (1) case reported from Montserrado County

- Specimen was collected and shipped

📁 Cumulatively, eighty-two (82) cases have been reported

Neonatal Tetanus

📁 One (1) case reported from Nimba County

📁 Cumulatively, thirty-nine (39) clinically diagnosed cases reported

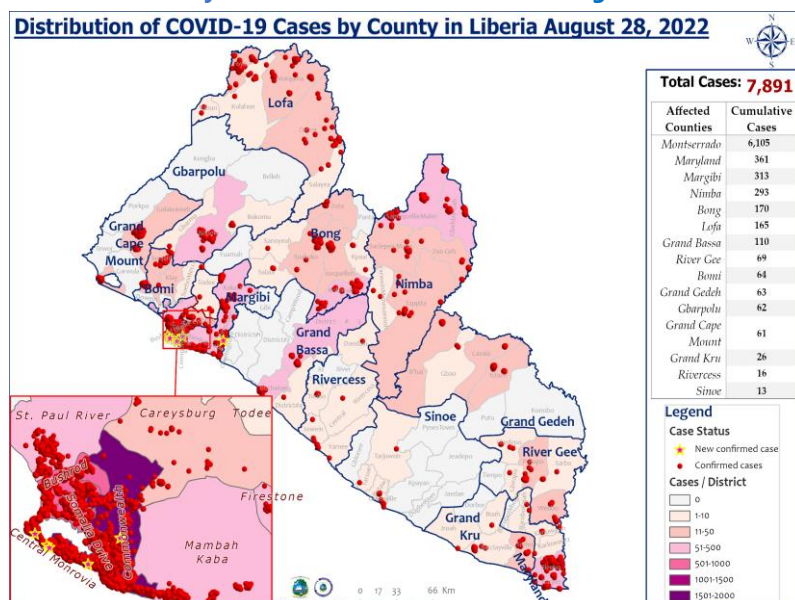
Influenza-Like Illnesses

Coronavirus Disease (COVID-19)

Outbreak

- ☞ Sixty (60) new confirmed cases reported from Montserrado (44), Nimba (11), and Margibi (5) Counties
- ☞ One hundred thirty-two (132) active cases were reported from Montserrado (96), Nimba (28), and Margibi (8) Counties
- ☞ A total of nine hundred eighty-six (986) confirmed cases have been reported since epi week 1
- ☞ Cumulatively, seven thousand eight hundred ninety-one (7,891) confirmed cases recorded including 294 deaths.
 - 412 healthcare workers (including 8 deaths) reported with 17,823 contacts generated

Figure 2: Geographical Distribution of Laboratory Confirmed COVID-19 Cases by Health Districts, Liberia, as of August 22-28, 2022



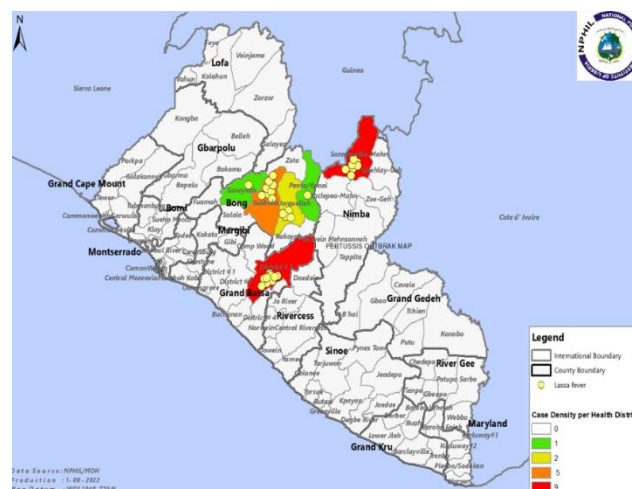
Public Health Actions

- ☞ 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

- ☞ Five (5) suspected cases reported from Bong (4) and Nimba (1) Counties
- ☞ Specimens collected and tested negative
- ☞ Cumulatively, one hundred seven (107) suspected cases have been reported including 14 deaths
 - Thirty-three (33) confirmed cases recorded including 10 deaths
 - Seventy-one (71) negatives
 - Case Fatality Rate:(10/33) 30%
 - Proportion of suspected cases with sample collected (106/107) 99%
 - Proportion of suspected cases with sample tested (104/106) 98%
 - 2 samples rejected
 - 1 not collected



Geographical distribution of confirmed Lassa fever cases by Health District, Liberia, Epi-week 1-34, 2022



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Outbreak

Lassa fever disease: (Sitrep update as of August 30, 2022)

- ✍ No new confirmed case reported
- ✍ Twenty-seven (27) contacts generated and under 21 days follow up in Nimba
- ✍ 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: Jorquelleh Districts

- ✍ No new confirmed case reported
- ✍ Countdown to end of outbreak (29 days gone)
- ✍ Cumulatively, fourteen (14) confirmed cases including (3) deaths (CFR 21.4%)
 - Suakoko District: 9 cases and 3 deaths
 - Jorquelleh 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

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

- ✍ Two (2) suspected cases reported from Grand Kru (1), and River Gee (1) Counties
- Specimens were collected and pending testing
- ✍ Cumulatively, sixty (60) suspected cases have been reported
 - Proportion of suspected cases with sample collected (54/60) 90%
 - Proportion of suspected cases with sample tested (45/54) 83%
 - Samples pending testing (9/54) 17%

Diarrheal Diseases

Acute Bloody Diarrhea (Suspected Shigellosis)

- ✍ Four (4) suspected cases reported from Grand Gedeh (2), Maryland (1), and Montserrado (1) Counties
- ✍ Three (3) specimens were collected and pending testing
- ✍ Cumulatively, three hundred thirty-three (333) suspected cases reported



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- 📁 One hundred sixty-two (162) specimens collected; 135 received by the lab
 - 109 tested negative
 - 1 positive (Grand Gedeh)
 - 11 rejected
 - 14 specimens not tested

Severe Acute Watery Diarrhea (Suspected Cholera)

- 📁 Four (4) suspected cases reported from Lofa (3) and Maryland (1) Counties
- 📁 Two (2) specimens were collected and pending testing
- 📁 Cumulatively, two hundred fifty (250) suspected cases reported
 - 136 specimens collected; 90 received by the lab
 - 64 tested negative
 - 5 rejected
 - 21 specimens not tested

Other Reportable Diseases

Animal bite (Human Exposure to Rabies)

- 📁 Thirty-three (33) animal bite cases were reported: Montserrado (6), Grand Kru (6), Grand Gedeh (4), Nimba (4), Maryland (3), Margibi (3), Lofa (2), Rivercess (2), Grand Bassa (1), River Gee (1), and Sinoe (1) Counties
- 📁 Persons received Post Exposure Prophylaxis (PEP) (7/33) 21%
- 📁 Cumulatively, one thousand, four hundred seventeen (1,417) animal bite cases reported
 - Dog bites account for 100%
 - 1-4 doses (PEP) administered to (244) 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

Monkey pox

- 📁 Four (4) new suspected cases reported from Rivercess (1), River Gee (1), Maryland (1) and Bomi (1) Counties
 - All four specimens were collected and pending testing
- 📁 Cumulatively, thirty-eight (38) suspected cases reported

Events of Public Health Importance

Maternal Mortality

- 📁 Five (5) deaths reported from Margibi (2), Nimba (1), Montserrado (1), and Lofa (1) Counties
 - Cause of death: PPH (2), anemia (2), and Sepsis (1)
 - All deaths occurred at the health facility
- 📁 Cumulatively, two hundred nine (209) deaths have been reported
 - Proportion of deaths reviewed (49/209) 23%
 - Proportion of community deaths (19/209) 9%
 - Proportion of community deaths reviewed: (8/19) 42%

Neonatal Mortality

- 📁 Eleven (11) deaths reported: Montserrado (8), Bong (1), Lofa (1), and Margibi (1) Counties
 - Causes of death: Sepsis (6), Birth asphyxia (4) and Preterm (1)
 - Ten deaths occurred at the health facility while one occurred in the community
- 📁 Cumulatively, five hundred forty-three (543) deaths have been reported
 - Proportion of deaths reviewed (60/543) 11%
 - Proportion of community deaths (23/543) 4%
 - Proportion of deaths reviewed from community (8/23) 35%



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

- 📁 Twenty-five (25) cases reported: Sinoe (11), Lofa (9), Bomi (2), Grand Gedeh (1), Grand Kru (1), and River Gee (1) Counties
 - Related vaccines:
 - COVID-19 (21/25) 84%
 - Penta – (4/25) 16%
- 📁 Cumulatively three hundred seventy-seven (377) events reported with (249/377) 65% related to COVID-19
- 📁 Proportion of COVID-19 vaccine
 - J&J vaccine – (190/249) 76%
 - AstraZeneca – (6/249) 2%
 - Pfizer – (53/249) 21%
- 📁 Proportion of other vaccine related events – (128/377) 34%

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

Table2: Border activity at the PoE for Incoming and Outgoing Travelers, Liberia, Epi week 34, 2022

📁 A total of 5,311 travelers recorded for the week with incoming travelers accounting for 46% (2,466/5,311)

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. Parnes	81	42	39	81	0	0	0	0	0	21
	Robert Int'l Airport	3947	1699	2248	3915	20	0	12	0	0	3926
Seaport	Freeport of Monrovia	200	100	100	200	0	0	0	0	0	200
	Buchanan Port	108	54	54	108	0	0	0	0	0	108
Land Crossing	Bo Water Side	509	345	164	426	0	73	10	0	0	90
	Ganta	219	105	114	198	21	0	0	0	0	44
	Yekepa	123	66	57	89	34	0	0	0	0	33
	Loguatu	124	55	69	115	9	0	0	0	0	15
Total		5,311	2,466	2,845	5,132	84	73	22	0	0	4,437

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
 - 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



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- 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	7	5	8	5	6	5	6	4	6	7	6	6	6	10	91		
No. of Health District Reported			4	7	5	8	5	6	5	6	4	6	7	6	6	6	10	91		
Vaccine Preventable Diseases	Acute Flaccid Paralysis (Suspected Polio)	A	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	82	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Measles	A	0	5		17	8	6	0	0	5	8	51	7	3	1	8	119	7,043	433
		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	0	0	0	0	0	0	0	0	1	0	0	0	1	39	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	Yellow fever	A	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	2	60	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	4	0	0	0	0	0	0	0	0	0	1	0	0	0	5	107	23
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Influenza-Like Illnesses	COVID-19	A	0	0	0	0	0	0	0	5	0	44	11	0	0	0	0	60	7,891	7,891
		D	0	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	0	2	0	0	0	1	1	0	0	0	0	4	333	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	0	0	0	0	3	0	1	0	0	0	0	0	4	250	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	1	2	0	1	1	0	0	0	5	209	
	Neonatal Mortality	D	0	1	0	0	0	0	0	1	1	0	8	0	0	0	0	11	543	
	Adverse Events Following Immunization (AEFI)	A	2	0	0	0	0	1	1	9	0	0	0	0	0	1	11	25	377	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	
Other Reportable Diseases	Monkeypox	A	1	0	0	0	0	0	0	0	0	1	0	0	1	1	0	4	38	2
		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 Rabies)	A	0	0	0	1	0	4	6	2	3	3	6	4	2	1	1	33	1,417	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	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	10	0	18	8	13	8	16	16	14	112	25	6	5	20	274	18492	8655

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.