



WEEK 05

20 24



GOVERNMENT OF SIERRA LEONE
MINISTRY OF HEALTH
NATIONAL PUBLIC HEALTH AGENCY

NATIONAL WEEKLY EPIDEMIOLOGICAL BULLETIN

WEEK 05: 29th Jan — 4th Feb, 2024



KEY SURVEILLANCE PRIORITY DISEASE AND 117 CALL CENTRE HIGHLIGHTS FOR THE WEEK

Disease specific report Highlights

- **Anthrax:** One (1) suspected Anthrax was reported from WAU. The case was above five years of age and sample was sent to 34 Military hospital laboratory for confirmation
- **Measles:** Two (2) cases of suspected measles were reported this week. One was under five and one over five years, from Port Loko and Bombali districts sample was collected and sent to CPHRL for confirmation.
- **Animal Bite (Dog):** Thirty-three (33) Dog bite cases with one death were reported this week. The death was from Karene district. Of the cases, seven were under five years and twenty-six were above five years. The highest number of cases were from Kono (9), Bombali (6) and Port Loko (4) districts.
- **Animal Bite (Snake):** Twenty-one (21) Snake bite cases were reported this week. Of the cases, eight were under five and thirteen were above five years of age. The highest number of cases were from Kono (9), with Bo and Tonkolili (3) each per district.
- **Maternal death:** Seven (7) maternal deaths were reported this week from Pujehun and Tonkolili (2) each while Kailahun, Kono and WAU (1) each per district.
- **Acute Viral Hemorrhagic Fever (AVHF):** Seven (7) cases of suspected AVHFs were reported this week. All of the cases were above five years from Kenema district. The cases were investigated and samples sent to Kenema regional Lab. for confirmation.
- **Bacterial Meningitis:** Two (2) cases of suspected Bacterial Meningitis were reported from WAU. No samples were collected

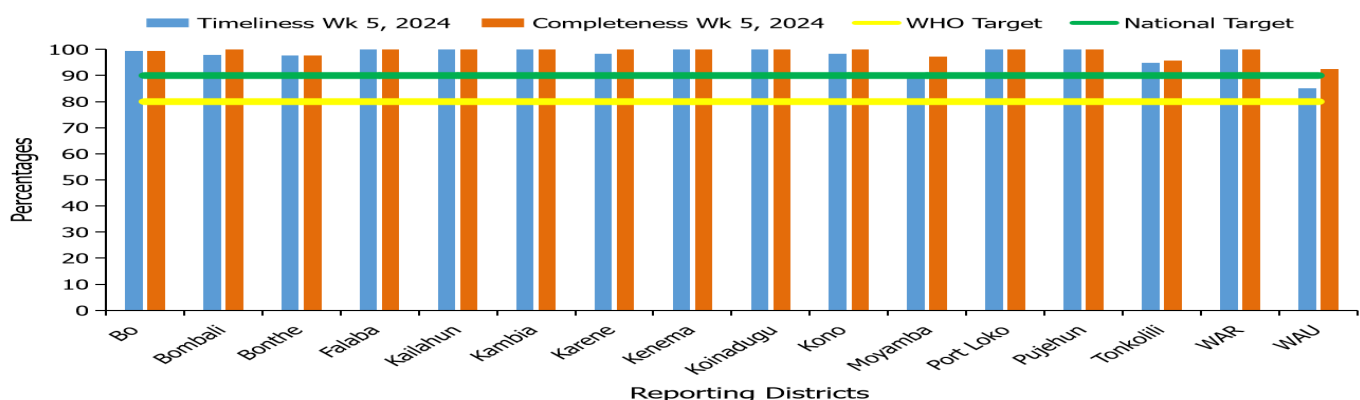
117 Call Centre Highlights

- **Bloody Diarrhoea:** One (1) call related to Bloody Diarrhoea was made this week from Pujehun district.
- **Perinatal Deaths:** Ten (10) calls related to Perinatal deaths were made this week of which, stillbirth (2) and neonatal death (8)
- **Maternal death:** Three (3) calls related to maternal deaths were made this week from Bo, Kenema and Pujehun districts
- **Yellow fever:** One (1) call related to suspected yellow fever was made from Kailahun this week
- **Measles:** One (1) call related to suspected Measles were made from Port Loko district this week.

117 Call Summary for epi week 1, 2024

- A total of 11,008 calls were received and responded to, out of which 10,883 (98.9%) were prank calls and 125 (1.1%) were signals
- Out of the total signals received:
- Death 107 (85.6%)
- Health Emergencies 15 (12.0%): dog bite 5, snake bite 4, ambulatory service 6
- Sick 3 (2.4%)

Health Facility Timeliness & Completeness of Weekly report by district, (Epi week 5, 2024)

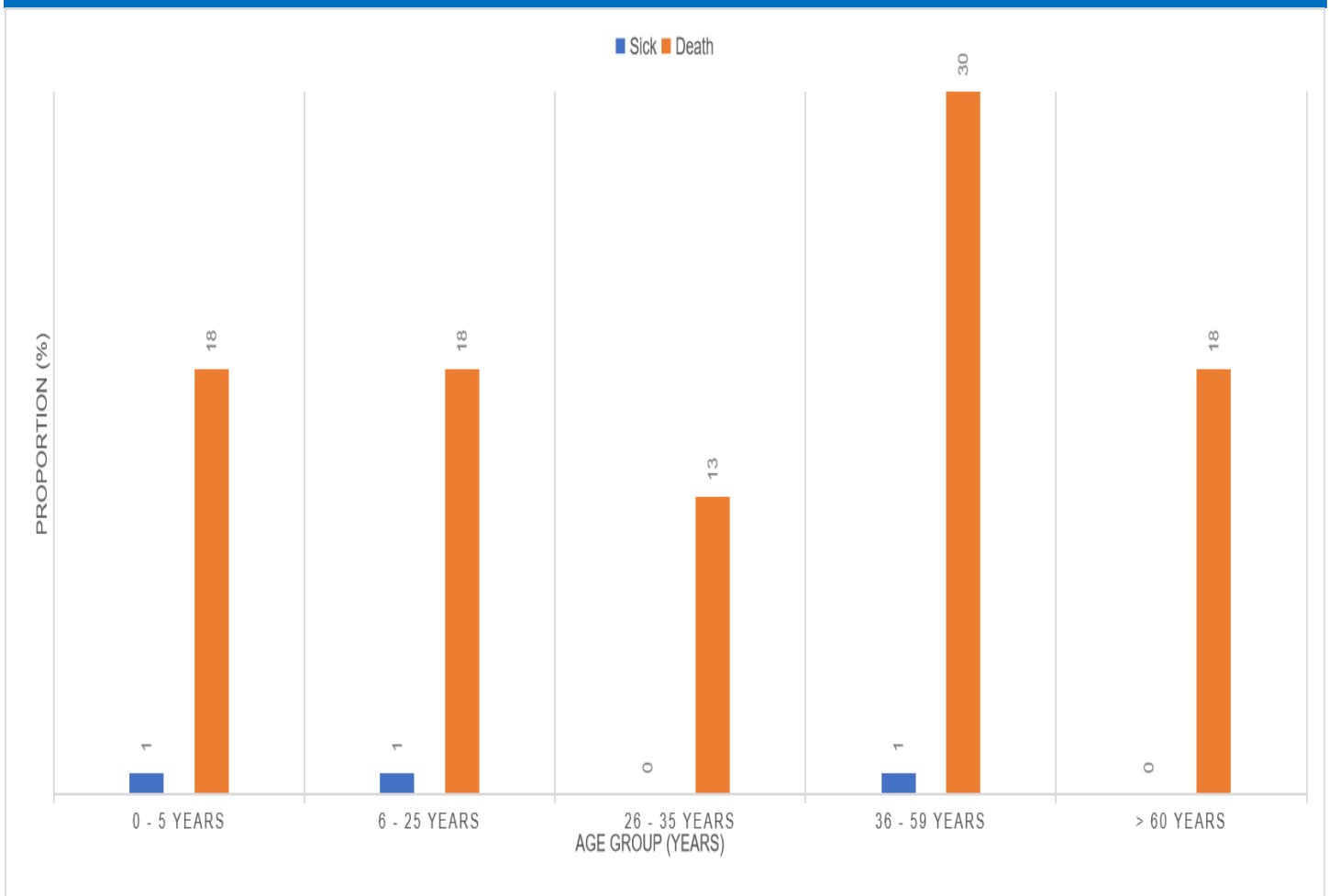


For Week 5 of 2024, 15 out of 16 districts achieved both the WHO and national targets for timelines and completeness while one achieved both targets for completeness but could not meet the national targets for timeliness

Updates from the samples of suspected cases reported for this week

- **Anthrax:** One sample collected and sent to CPHRL for shipment. The sample tested negative for Anthrax .
- **Acute Viral Haemorrhagic Fever (AVHF):** Seven Samples of suspected AVHF were sent to the Lab. this week. The sample were collected and sent to Kenema regional Lab. All of the samples however tested Negative AVHFs
- **Bacterial Meningitis:** Two cases of suspected bacterial meningitis were reported. No sample was collected for bacterial meningitis confirmation

Sick and death signals by age groups, epi week 5, 2024 (n=3) (n=107)



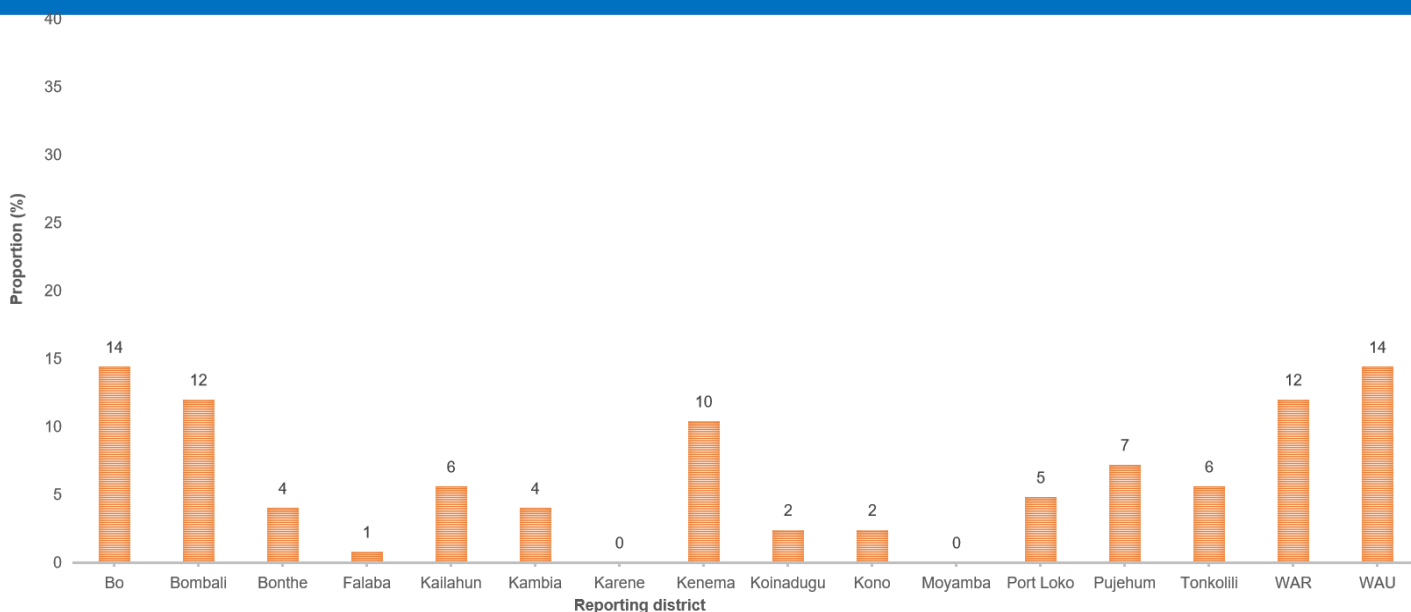
For week five of 2024, a total of 110 call signals for sick and death were made of which 107 were related to deaths and 3 were for sick. The age groups of 36-59yrs had a higher proportion of death reported and the least was 26-35years. For the sick cases the age group of 0-5, 6-25 and 36-59 reported the same

Submission of report by health facility via phone call, SMS, paper form or Mobile internet (Epi week 5, 2024)

District	#s of Expected HFs	Call	Paper forms	SMS	Mobile SMS	Mobile internet	Mobile Total	Total Submission	% Mobile Submission
Bo	150	85	0	0	9	55	64	149	43
Bombali	97	0	0	6	9	81	90	96	94
Bonthe	89	16	0	7	6	58	64	87	74
Falaba	50	25	0	0	7	18	25	50	50
Kailahun	91	0	0	0	6	85	91	91	100
Kambia	74	0	0	0	7	67	74	74	100
Karene	62	0	0	11	7	44	51	62	82
Kenema	141	0	0	50	16	75	91	141	65
Koinadugu	67	0	0	54	2	11	13	67	19
Kono	114	0	1	77	4	30	34	112	30
Moyamba	110	77	0	0	11	19	30	107	28
Port Loko	118	0	0	0	50	68	118	118	100
Pujehun	104	0	0	2	6	96	102	104	98
Tonkolili	117	43	0	0	17	50	67	110	61
WAR	72	4	19	0	5	44	49	72	68
WAU	108	0	0	5	13	82	95	100	95
Cumulative	1564	250	20	212	175	883	1058	1540	69
KEY:		90 - 100			75 - 89		0 - 74		

For week five of 2024, a total of 1,564 facilities reported countrywide using various means of reporting. Mobile SMS and mobile internet were used exclusively by four districts (Kailahun, Kambia and Port Loko). Only one district (WAR) used paper based reporting of which, 19/72 (26%) of the facilities reported using paper. The country has moved from paper based reporting to electronic since 2018

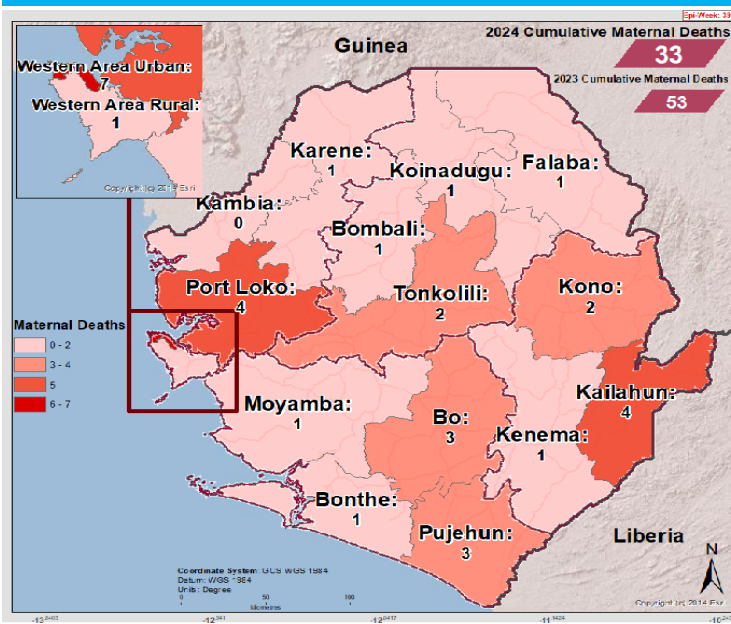
Call signals by reporting districts epi week 5, 2024 (N=125)



For week five of 2024, greater proportion of call signals were from WAU and Bo districts, closely followed by WAR and Bombali then Kenema district, 2/16 (12.5%) of districts made zero call.

Cumulative Maternal Deaths reported by district (Epi Week 5, 2024)

Compared Maternal Deaths reported by district (Epi Week 1- 5, 2023 & 2024)



District	2023 Week 1 - 5	2024 Week 1 - 5	
Bo	7	3	↓
Bombali	2	1	↓
Bonthe	4	1	↓
Falaba	3	1	↓
Kailahun	3	4	↑
Kambia	3	0	↓
Karene	1	1	↔
Kenema	3	1	↓
Koinadugu	0	1	↑
Kono	5	2	↓
Moyamba	3	1	↓
Port Loko	2	4	↑
Pujehun	3	3	↔
Tonkolili	2	2	↔
Western Rural	2	1	↓
Western Urban	10	7	↓
Total	53	33	

In comparison with week five of 2023, 2024 has reported less maternal deaths for the same period. Seven deaths were reported this week from five districts. One district (Kambia) has not reported any maternal death in the past five weeks. Total maternal deaths reported since the start of the year is thirty-three (33).

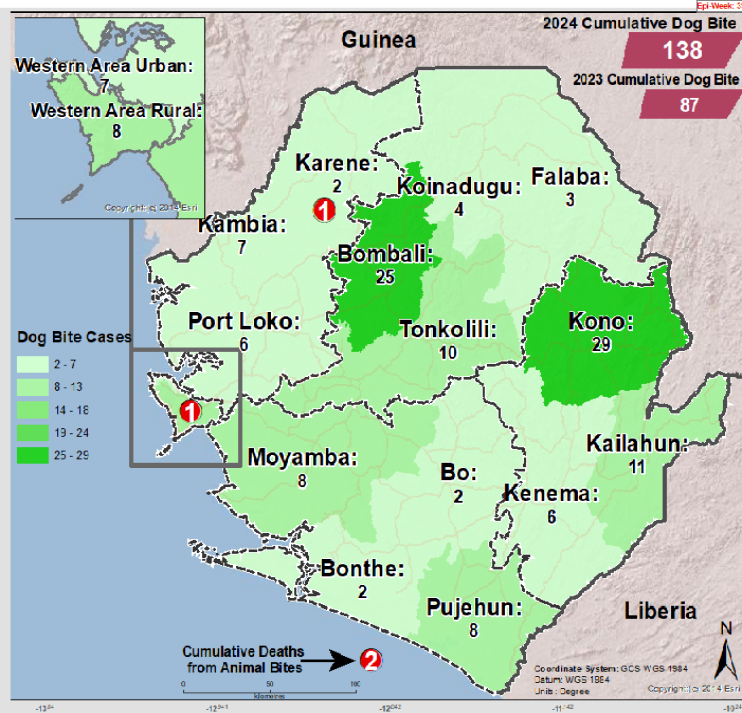
Maternal Deaths reported by district and Place of Occurrence (Epi Week 5, 2024)

District	Health Facility	No. of Death
Tonkolili	Magburaka Govt. hospital	2
Pujehun	Pujehun Govt. Hospital	2
WUA	PCM Hospital	1
Kailahun	Kailahun Govt. Hospital	1
Kono	Koidu Govt. Hospital	1
Total		7

In week Five of 2024, a total of seven maternal deaths were reported from five districts. All reported maternal deaths were from hospitals

Cumulative Dog Bite cases reported by district (Epi Week 5, 2024)

Compared Dog Bite cases reported by district (Epi Week 1- 5, 2023 & 2024)

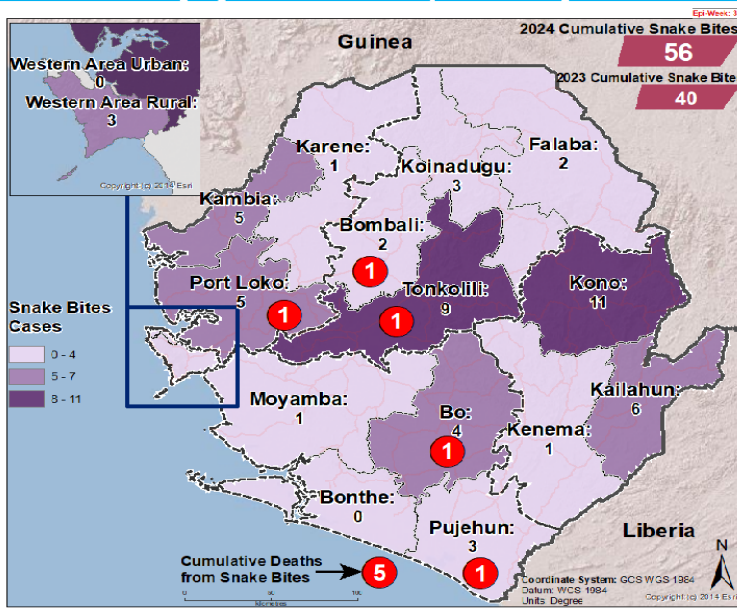


District	2023 Week 1 - 5	2024 Week 1 - 5	
Bo	0	2	↑
Bombali	15	25	↑
Bonthe	1	2	↑
Falaba	1	3	↑
Kailahun	10	11	↑
Kambia	1	7	↑
Karene	2	2	→
Kenema	6	6	→
Koinadugu	1	4	↑
Kono	22	29	↑
Moyamba	1	8	↑
Port Loko	13	6	↓
Pujehun	7	8	↑
Tonkolili	0	10	↑
Western Rural	3	8	↑
Western Urban	4	7	↑
Total	87	138	↑

Week five of 2024 has reported more dog bite cases including one death related to dog bite compared to 2023 same period. The highest number of cases were reported from Bombali Kono and Kailahun and Tonkolili districts and the death was from WAU district. Total reported cases since the start of the year is 138.

Cumulative Snake Bite cases reported by district (Epi Week 5, 2024)

Compared Snake Bite cases reported by district (Epi Week 1- 5, 2023 & 2024)



District	2023 Week 1 - 5	2024 Week 1 - 5	
Bo	0	4	↑
Bombali	8	2	↓
Bonthe	0	0	→
Falaba	1	2	↑
Kailahun	3	6	↑
Kambia	3	5	↑
Karene	2	1	↓
Kenema	3	1	↓
Koinadugu	3	3	→
Kono	9	11	↑
Moyamba	0	1	↑
Port Loko	4	5	↑
Pujehun	4	3	↓
Tonkolili	0	9	↑
Western Rural	0	3	↑
Western Urban	0	0	→
Total	40	56	↑

Week five of 2024 reported more snake bite cases compared to week five of 2023 and with five deaths related to snake bite. The deaths are from Pujehun, Port Loko, Bo, Tonkolili and Bombali districts. The highest number of cases were reported from Kono and Tonkolili districts. Total reported cases since the start of the year is fifty-six (56).

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