GOVERNMENT OF SIERRA LEONE
MINISTRY OF HEALTH AND SANITATION
DIRECTORATE OF HEALTH SECURITY AND EMERGENCIES

WEEK 49

WEEKLY NATIONAL EPIDEMIOLOGICAL BULLETIN

Disease specific report

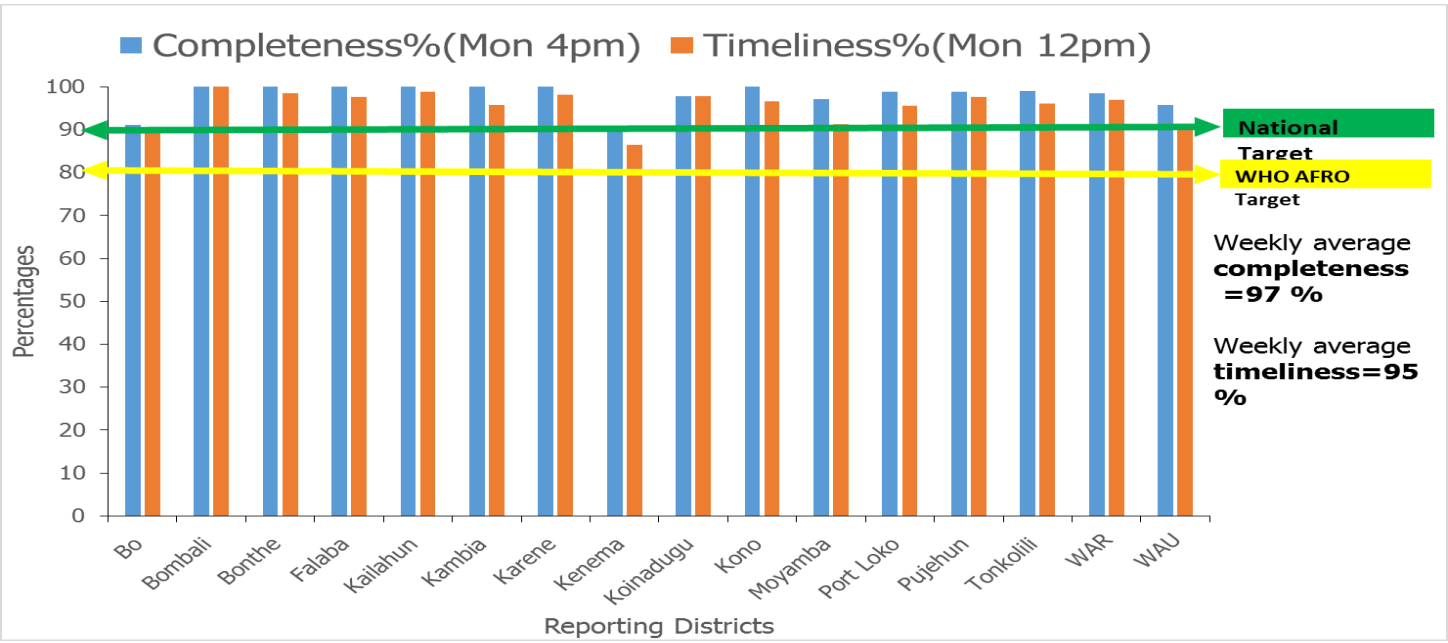
Week 49, 30th Nov. to 6th Dec. 2020

- **Acute Flaccid Paralysis**: Two (2) cases of acute flaccid paralysis were reported this week. The cases were above five children reported from Bo district. The district RRTs investigated the cases, sample was collected and sent to the CPHRL.
- **Animal bite:** In total, 19 animal bite cases were reported from nine districts. Of the total cases, 3 were under fives and 16 above fives. The highest number of cases were reported from Bombali and Kono (4), Moyamba (3), Port Loko and Western Area Urban (2), whiles Bonthe, Falaba, Kailahun, and Koinadugu (1) each per district.
- **Acute Viral Haemorrhagic Fever (AVHF):** One (1) case of suspected AVHF was reported this week. The case was above five years old from Moyamba. The district RRT investigated the case , collected sample and sent to the CPHRL for confirmation. The case tested negative for all the AVHFs.
- **Maternal death:** SIX (6) maternal deaths were reported countrywide from 4 districts, an increase from 2 that was reported the previous week. Of these, whiles Kenema, Pujehun and Western Area Urban (1) each per district.

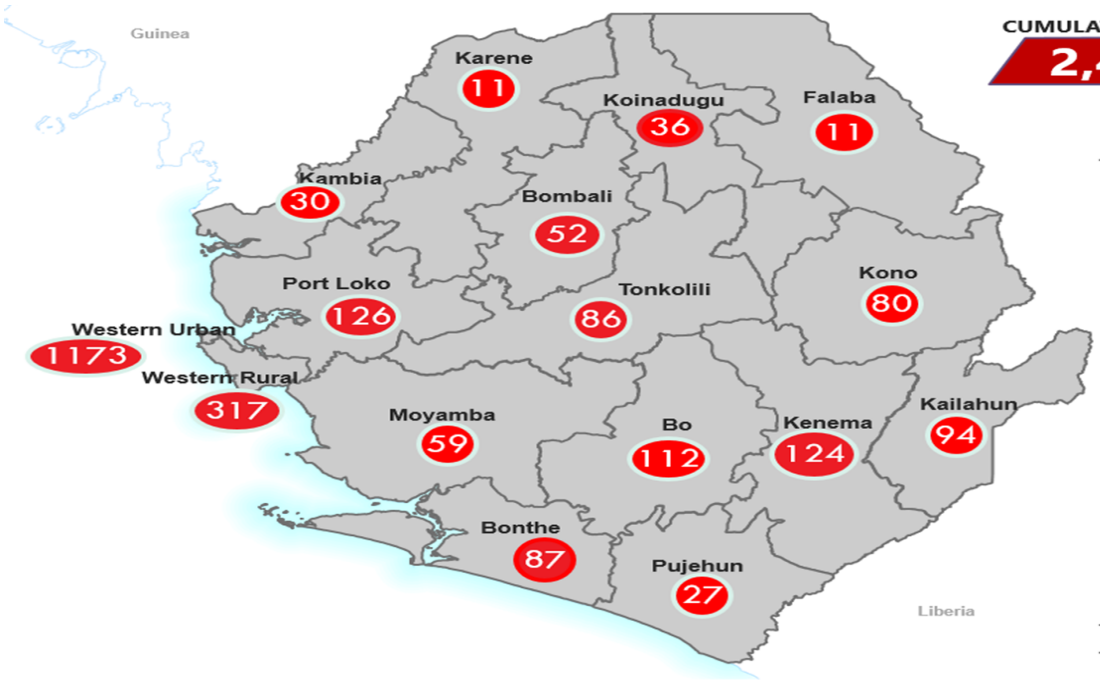
KEY HIGHLIGHTS FOR COVID-19 FOR THE WEEK

- **Confirmed cases:** Thirteen confirmed cases of COVID -19 were reported this week, of which, nine were males and four were females
- **COVID-19 Death:** Zero death of COVID-19 was reported this week.
- **COVID-19 Recovery:** A total of Ten (10) recoveries were reported for the week . Of these, Western Area Urban (8), Western Area Rural and Kenema (1) each per district.
- **COVID-19 Quarantine:** Cumulative quarantine nationwide for the week was (84) all of which were self quarantine
- **Quarantine discharge:** Zero contact was discharged from quarantine this week.

Health Facility Completeness and Timeliness of Weekly report by district Week 49, 2020



COVID-19 cumulative confirmed cases by district Week 49, 2020



CUMULATIVE CONFIRMED
2,425

District	TOTAL CASES WK-48	WK-49
Bo	0	1
Bombali	1	0
Bonthe	0	0
Falaba	0	0
Kailahun	0	0
Kambia	0	0
Karene	0	0
Kenema	0	0
Koinadugu	0	0
Kono	0	0
Moyamba	0	0
Port Loko	0	0
Pujehun	0	0
Tonkolili	0	0
Western Rural	1	1
Western Urban	4	11
Total	**6**	**13**

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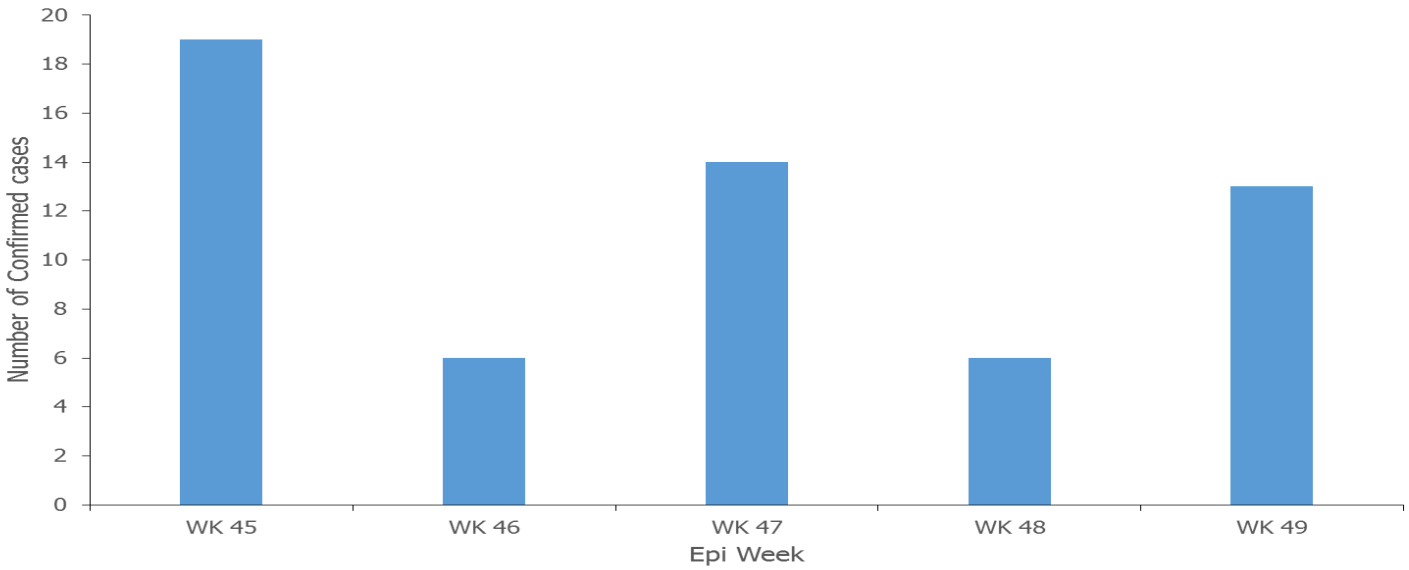
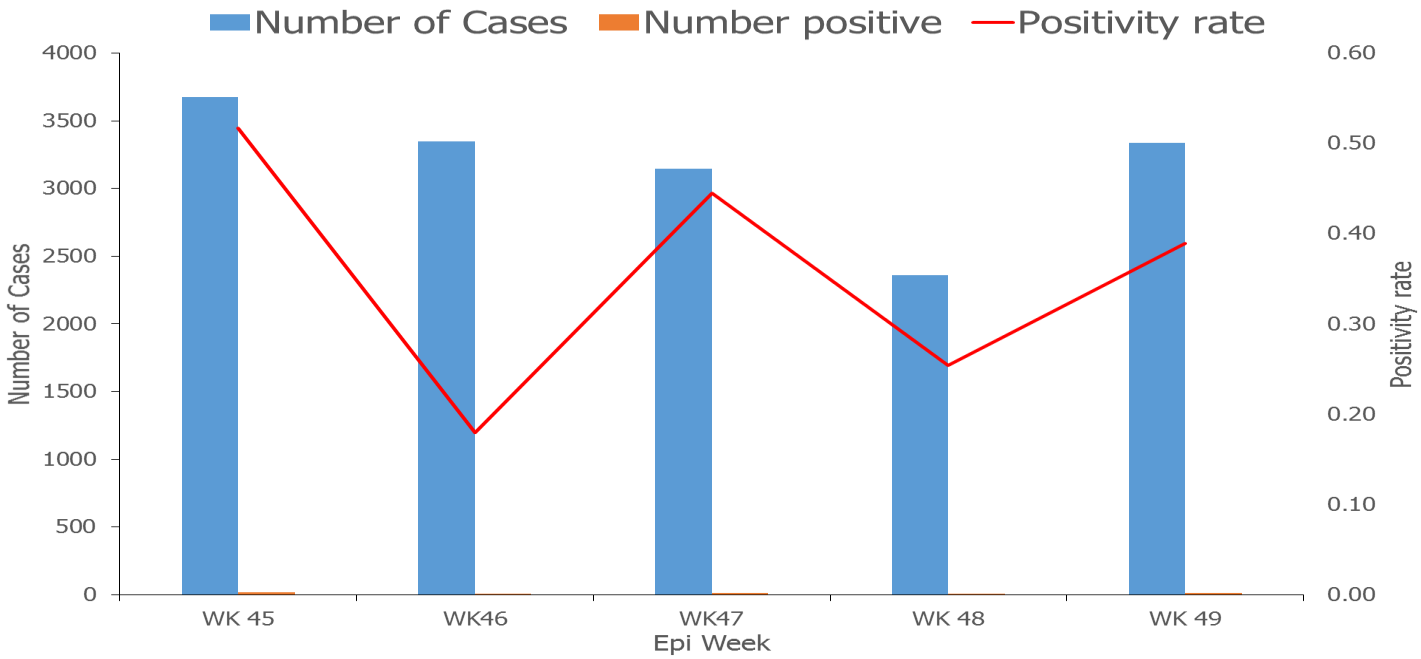
For the period of week 49, a total of 13 confirmed COVID-19 cases were reported countrywide an increase from 6 the previous week. Western Area Urban continues to top the chart with 1,173 (48.4%) of the total cases, followed by Western Area Rural 317 (13.1%), and Port Loko 126 (5.2%).

COVID-19 Laboratory confirmed cases by Week of diagnosis, Week 45 - 49, 2020 Sierra Leone

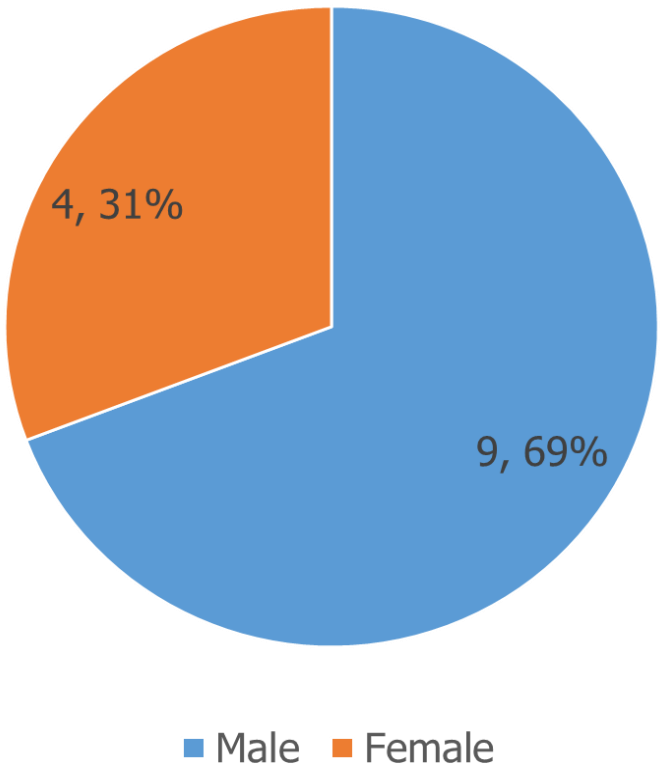


Over the period of week 45 to 49 there has been an up and down trend in the number of laboratory confirmed cases as seen in the graph with week 45 having the highest with a decline in week 46, and an increase in week 47. week 48 also shows an increase in trend

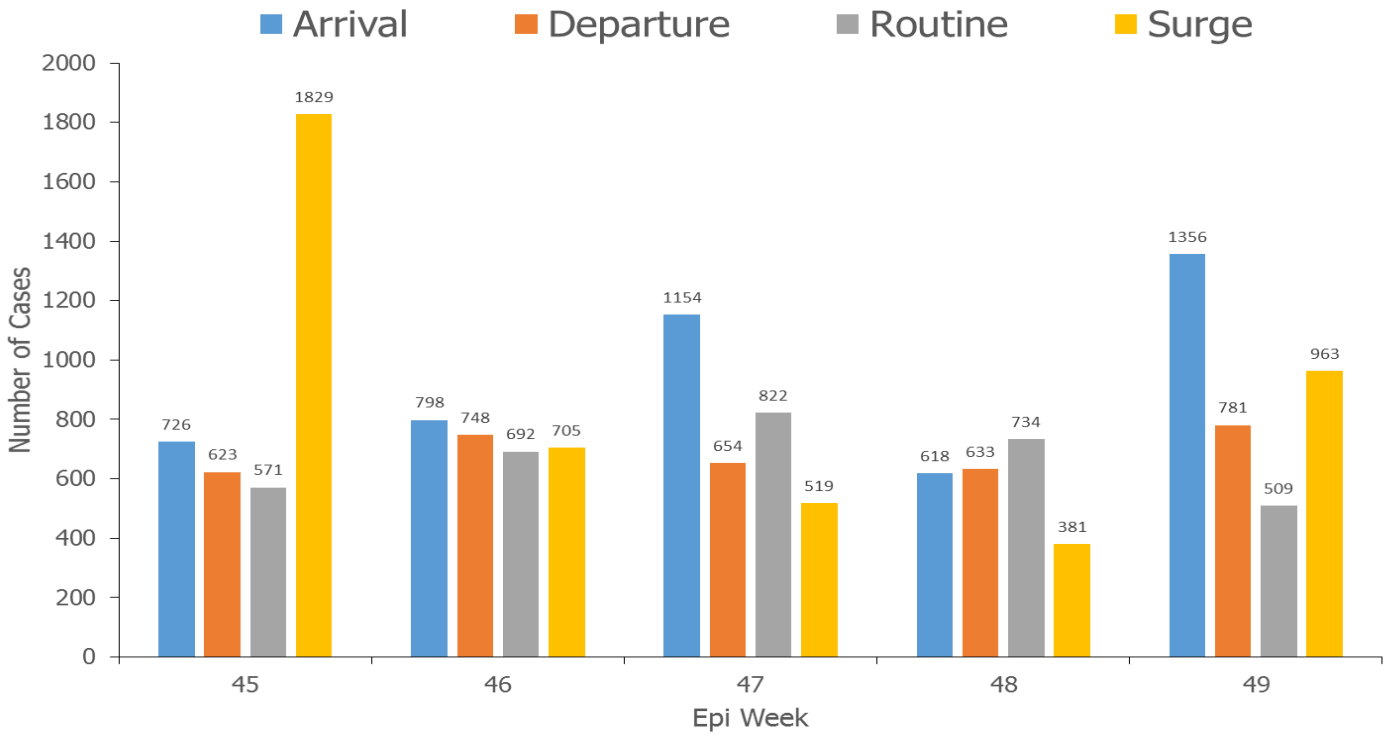
Positivity rate of COVID-19 Week 45 - 49, 2020



COVID-19 Laboratory confirmed cases by sex Week 49, 2020, Sierra Leone



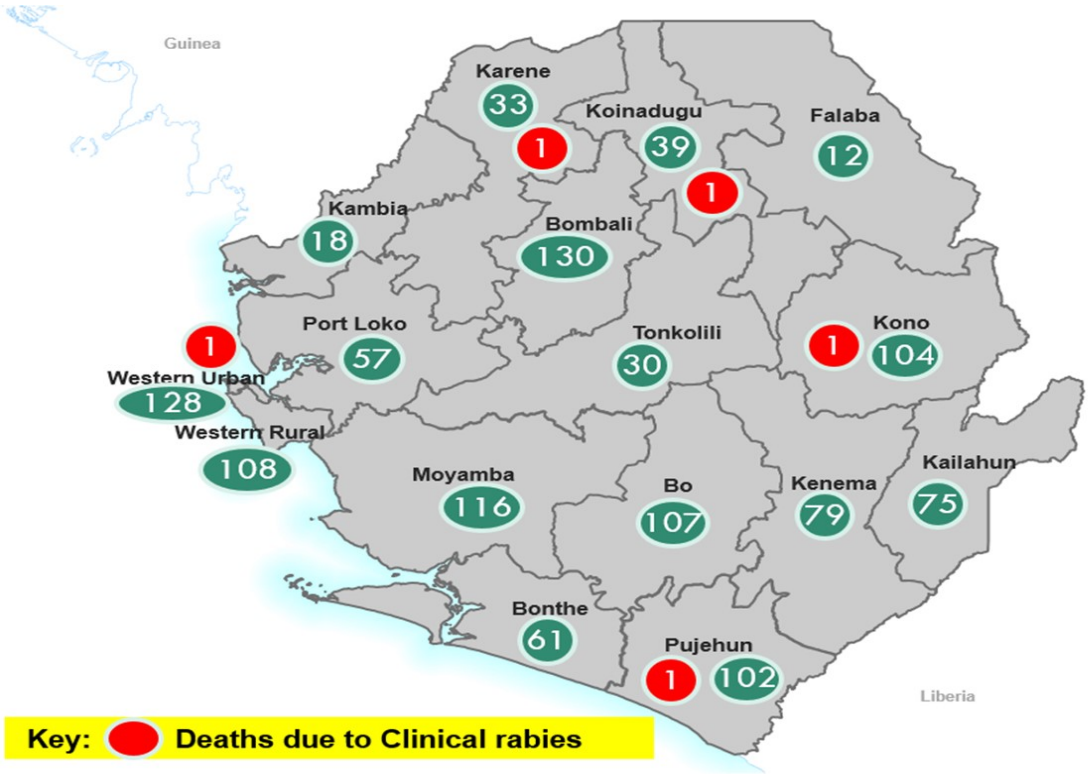
COVID-19 confirmed cases by category, Compared Week 45 - 49 2020, Sierra Leone



QUARANTINE SUMMARY

	No. quarantined	Discharged
Cumulative Total	12295	12211
Nationwide (Current)	84	0
Govt quarantine	0	0
Org. quarantine	0	0
Self quarantine	84	0

Cumulative Animal Bite (dogs, Cats & Snakes) Cases reported by districts (Week 1 - 49, 2020)



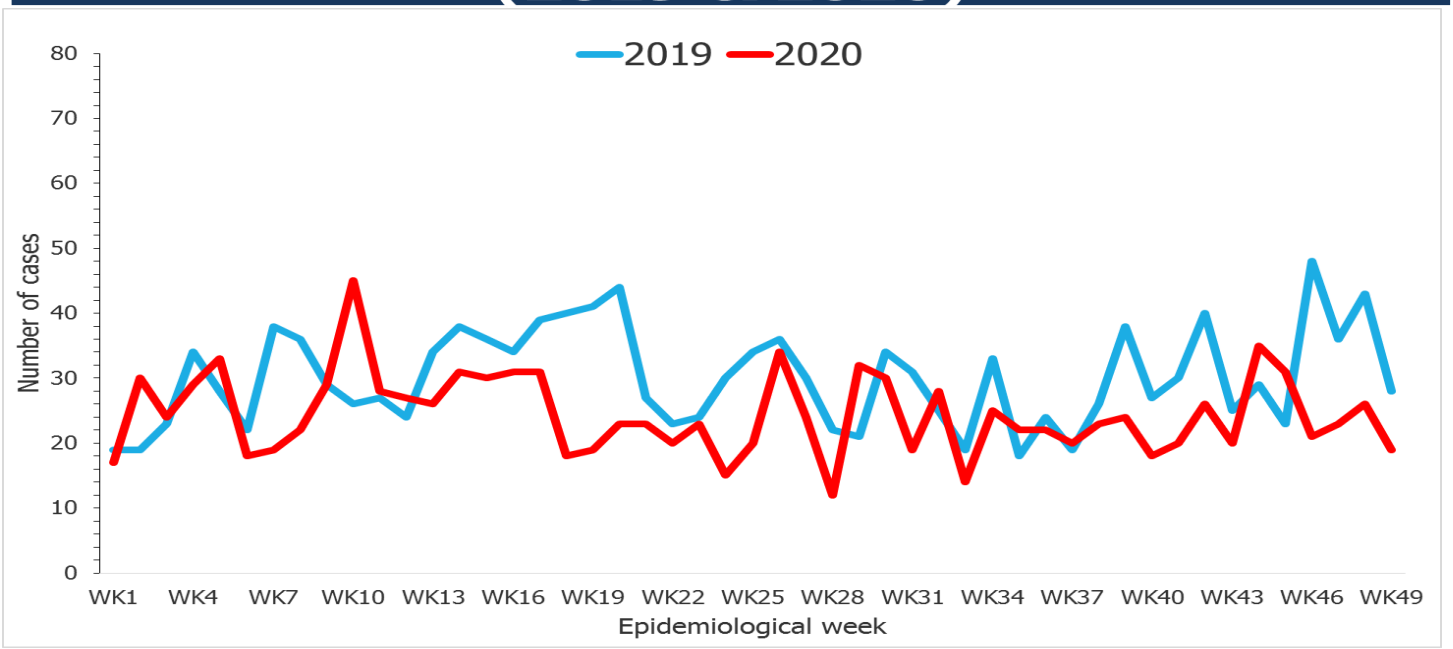
NATIONAL CUMULATIVE ANIMAL BITES - DOG

1,199

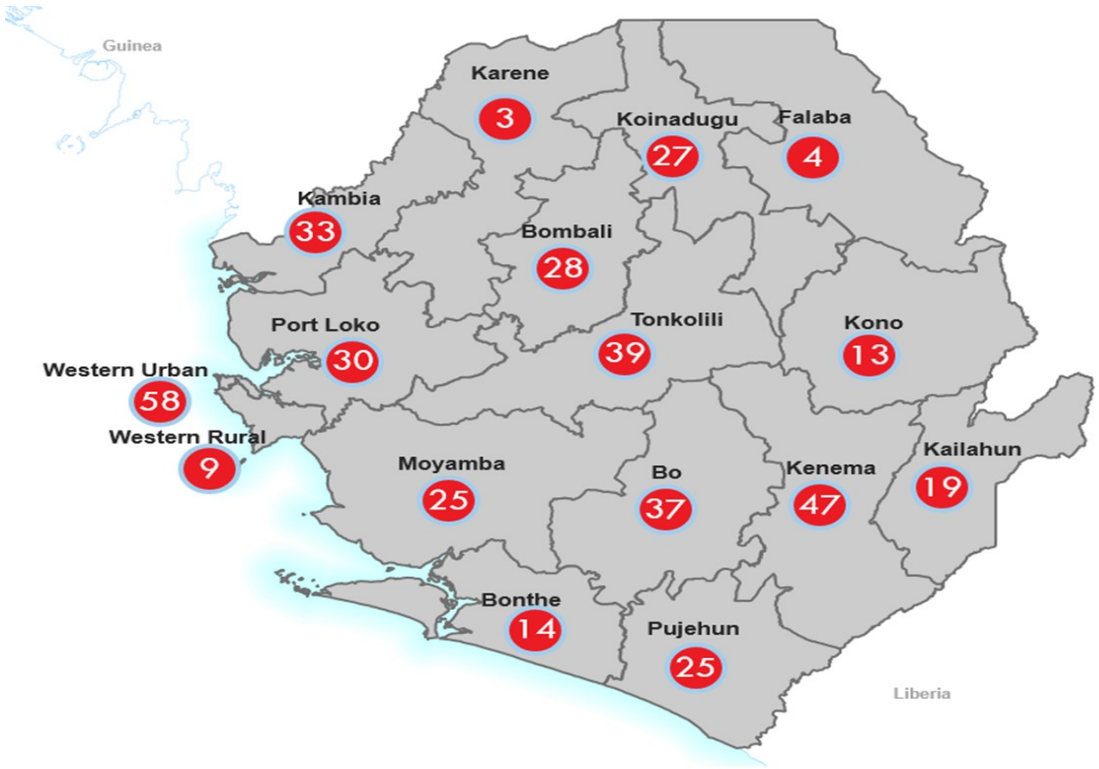
District	TOTAL CASES 2020 Week 48	2020 Week49
Bo	2	0 ↓
Bombali	5	4 ↓
Bonthe	1	1 –
Falaba	0	1 ↑
Kailahun	2	1 ↓
Kambia	0	0 –
Karene	0	0 –
Kenema	3	0 ↓
Koinadugu	0	1 ↑
Kono	3	4 ↑
Moyamba	3	3 –
Port Loko	0	2 ↑
Pujehun	2	0 ↓
Tonkolili	1	0 ↓
Western Rural	1	0 ↓
Western Urban	3	2 ↓
Total	26	19 ↓

A total of 19 Animal bite cases were reported in week 49 making a cumulative total of 1,199 from week 1 to 49. A total of 5 death related to dog bite (clinical rabies) have also been reported since the start of the year from Karene (1), Koinadugu (1), Kono (1), and Pujehun (1) and Western Area Urban (1) each districts. Bombali accounting for the highest 130 (10.8%), closely followed by Western Area Urban 128 (10.6%) of the total cases

Compared Animal Bite (dogs & Cats) Cases reported by districts Week 1 - 47 (2019 & 2020)



Cumulative Maternal Deaths Reported by Districts (Week 1 - 49, 2020)



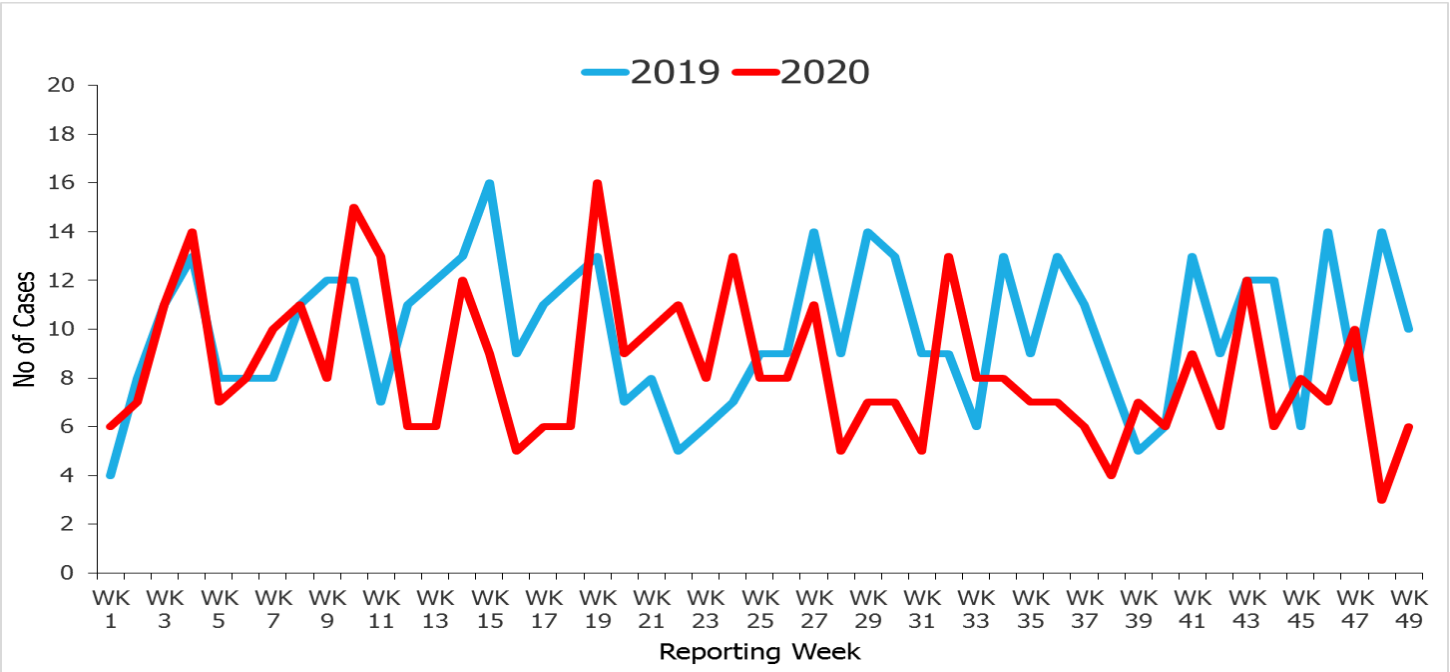
NATIONAL CUMULATIVE MATERNAL DEATHS

411

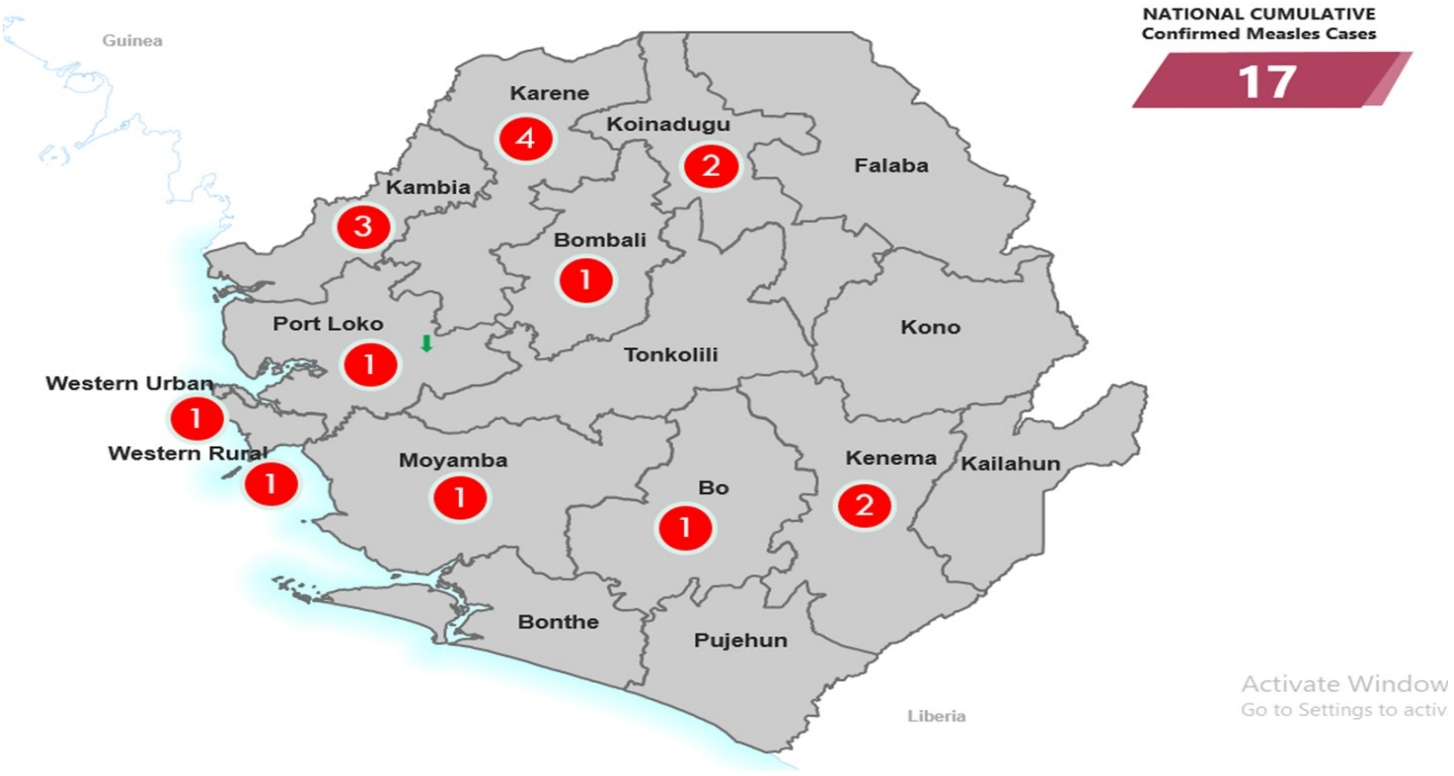
District	TOTAL CASES 2020 Week 48	2020 Week 49
Bo	0	3 ↑
Bombali	0	0 –
Bonthe	0	0 –
Falaba	0	0 –
Kailahun	0	0 –
Kambia	1	0 ↓
Karene	0	0 –
Kenema	0	1 ↑
Koinadugu	0	0 –
Kono	0	0 –
Moyamba	0	0 –
Port Loko	1	0 ↓
Pujehun	0	1 ↑
Tonkolili	1	0 ↓
Western Rural	0	0 –
Western Urban	0	1 ↑
Total	3	6 ↑

A total of 6maternal deaths were reported this week, an increase from 3 in the previous week. The cumulative maternal deaths from the start of the year is 411 with Western Area Urban (58) reporting the highest followed by Kenema (47), Tonkolili (39), and Bo (37) districts.

Compared Maternal Deaths Reported by districts Week 1 - 49, (2019 & 2020)

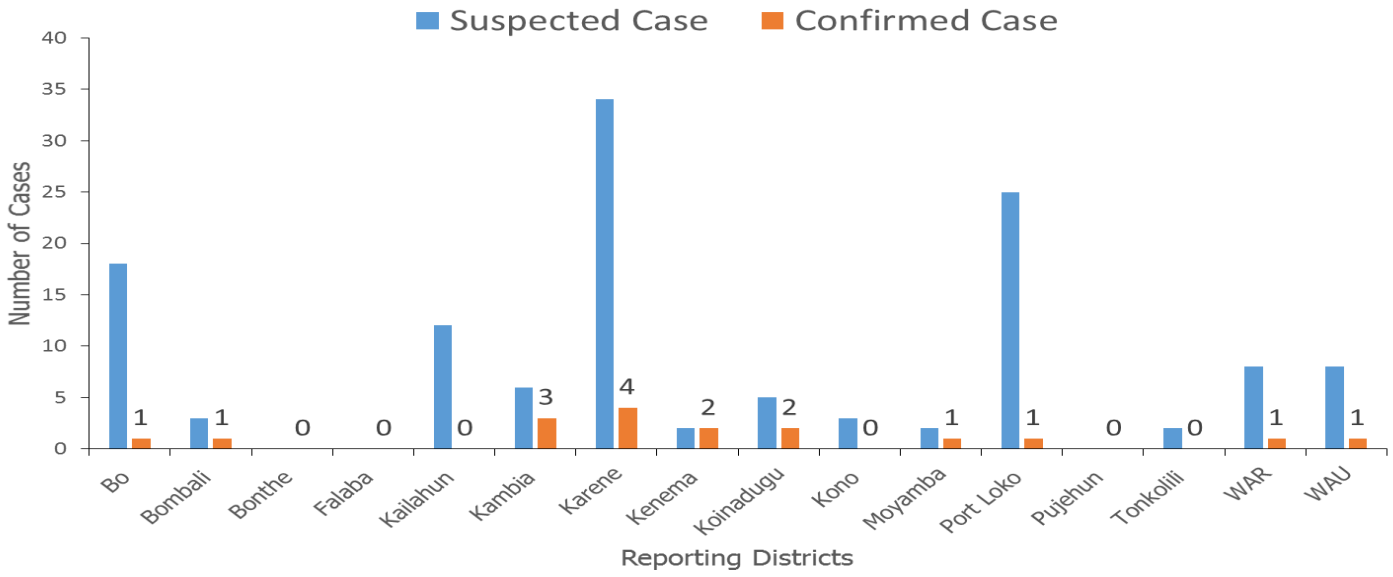


Confirmed Measles Cases reported by districts in Sierra Leone, Week 1 – 49, 2020



From week 1 to week 48 of this year, a total of 17 confirmed measles cases have been reported from 10 districts. Karene accounting for the highest number of cases 4 (23.5%) followed by Kambia 3 (17.6%).No confirmed case was reported for week 49

Cumulative Suspected and Confirmed Measles Cases reported by districts in Sierra Leone, Week 1 - 49, 2020



AFP Surveillance Core Indicators by districts, (Week 1 - 49, 2020)

Districts	< 15yrs Target Population	Expected Cases	Reported Cases	Annulized non -polio AFP rate by week	Stool adequacy (%)	Vaccination Status of cases investigated-Doses ≥3(%)
Bo	278912	6	6	2.2	100	75
Bombali	230310	5	3	1.3	100	100
Falaba	112711	3	2	1.8	100	100
Bonthe	95308	2	2	2.1	100	50
Kailahun	260466	5	5	2.0	100	100
Kambia	166960	3	4	2.4	100	66.7
Karene	139264	3	3	2.2	100	66.7
Kenema	291085	6	4	1.4	100	100
Koinadugu	123415	3	3	2.4	100	100
Kono	241538	5	16	6.6	100	100
Moyamba	154407	3	3	1.9	100	100
Port Loko	275433	6	2	0.7	100	100
Pujehun	167915	3	4	2.4	100	100
Tonkolili	256826	5	4	1.6	100	100
W/A Rural	213949	4	9	4.2	100	100
W/A Urban	509270	10	11	2.2	100	63.6
National	**3,517,769**	72	81	2.3	**100**	**87.5**