



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

WEEK 46

WEEKLY NATIONAL EPIDEMIOLOGICAL BULLETIN

Disease specific report

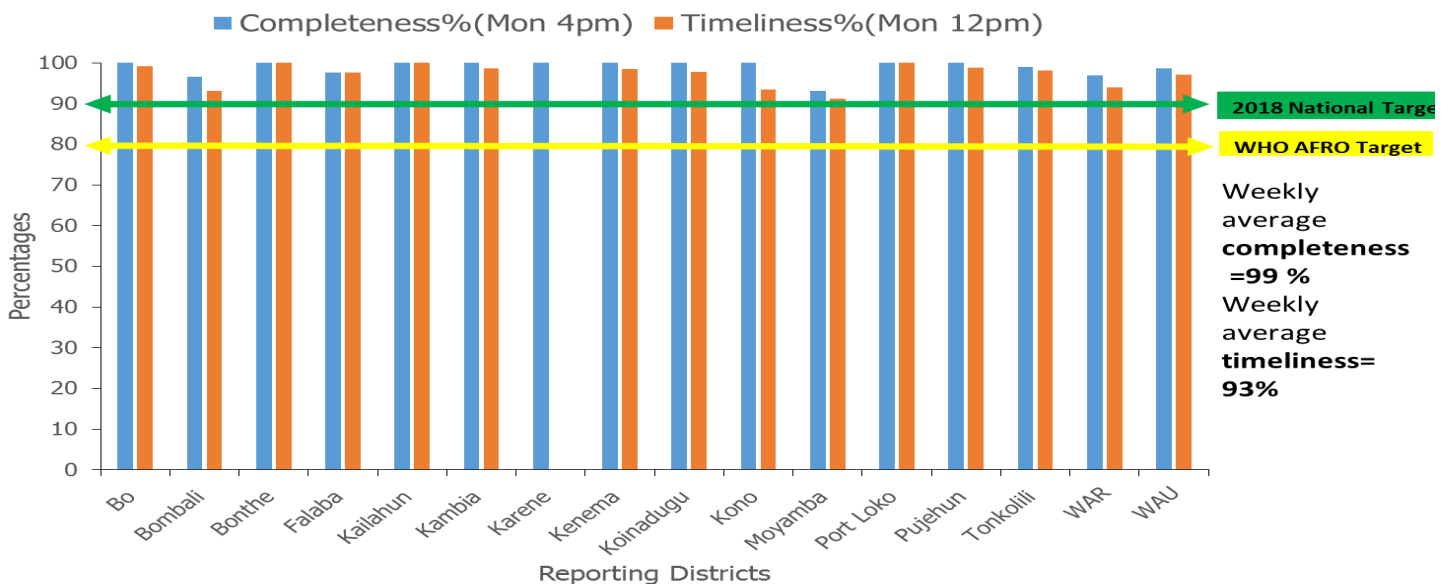
Week 46, 9th to 15th November. 2020

KEY HIGHLIGHTS FOR COVID-19 FOR THE WEEK

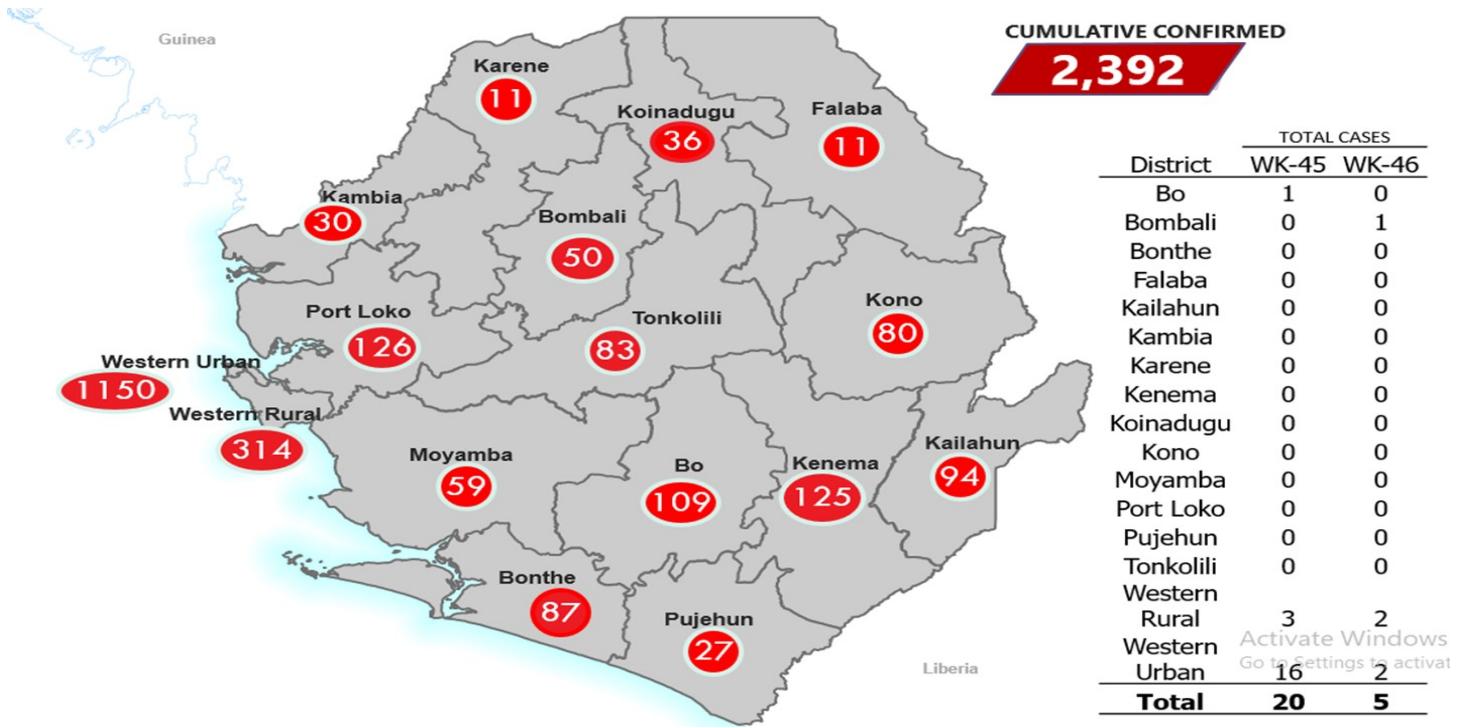
- **Acute Flaccid Paralysis:** One (1) case of acute flaccid paralysis was reported this week. The case was an under 5 child reported from Western Area Rural district. The district RRTs investigated the cases, sample was collected and sent to the CPHRL.
- **Animal bite:** In total, 21 animal bite cases were reported from nine districts. Of the total cases, 3 were under fives and 18 above fives. The highest number of cases were reported from Kono (5), Pujehun (4), Koinadugu (3), Bombali, Kailahun, and Western Area Rural (2) each, and Kambia, Moyamba and Western Area Rural (1) each district.
- **Measles:** Nine (9) suspected measles cases were reported this week. Of the total suspected cases, eight were under fives reported from Kailahun district and one above five from Pujehun district.
- **Maternal death:** Six (6) maternal deaths were reported countrywide from 4 districts, same as was reported the previous week. Of these, Western Area Urban (3), and Kenema, Bombali and Tomkolili (1) each per district.
- **Yellow Fever:** One (1) suspected yellow fever case was reported this week from Port Loko district. The district RRT investigated the case, sample was collected and sent to the CPHRL for confirmation

- **Confirmed cases:** Eight confirmed cases of COVID-19 were reported this week, of which, six were males and two were females
- **COVID-19 Death:** Zero death of COVID-19 was reported this week.
- **COVID-19 Recovery:** A total of nine (9) recoveries were reported for the week . Of these, Western Area Urban (6), and Western Area Rural (3) district.
- **COVID-19 Quarantine:** Cumulative quarantine nationwide for the week was(54) all of which were self quarantined
- **Quarantine discharge:** Fifty-five contacts were discharged from quarantine this week. All were from self quarantined

Health Facility Completeness and Timeliness of Weekly report by district Week 46, 2020

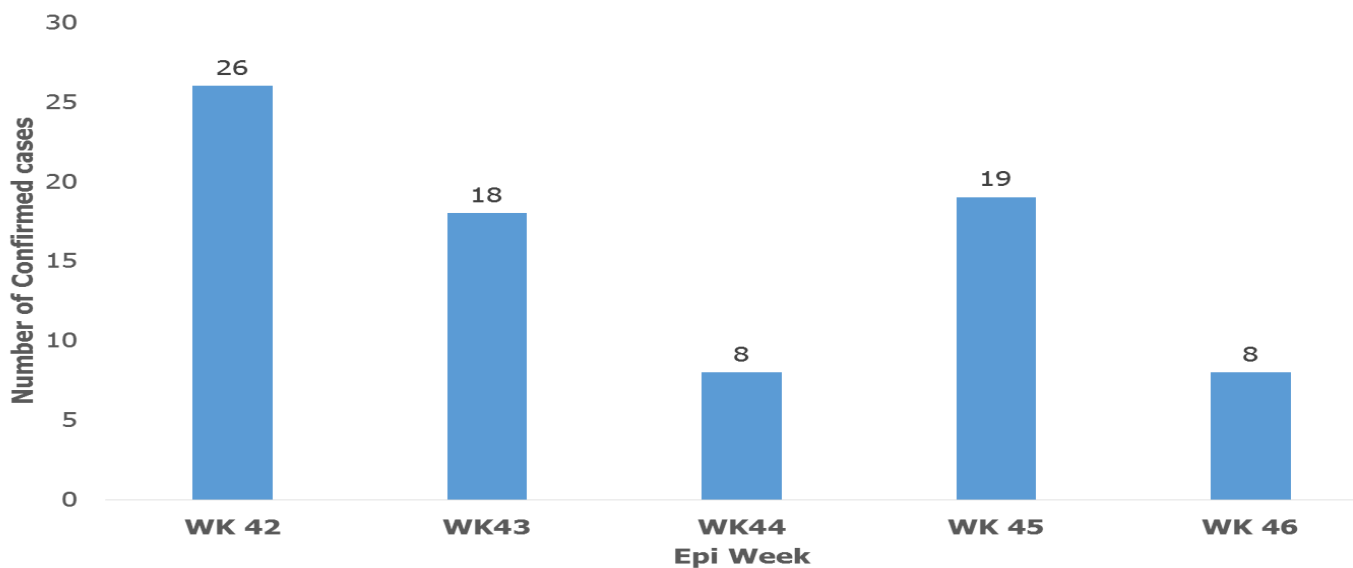


COVID-19 cumulative confirmed cases by district 30th March – 17th November, 2020



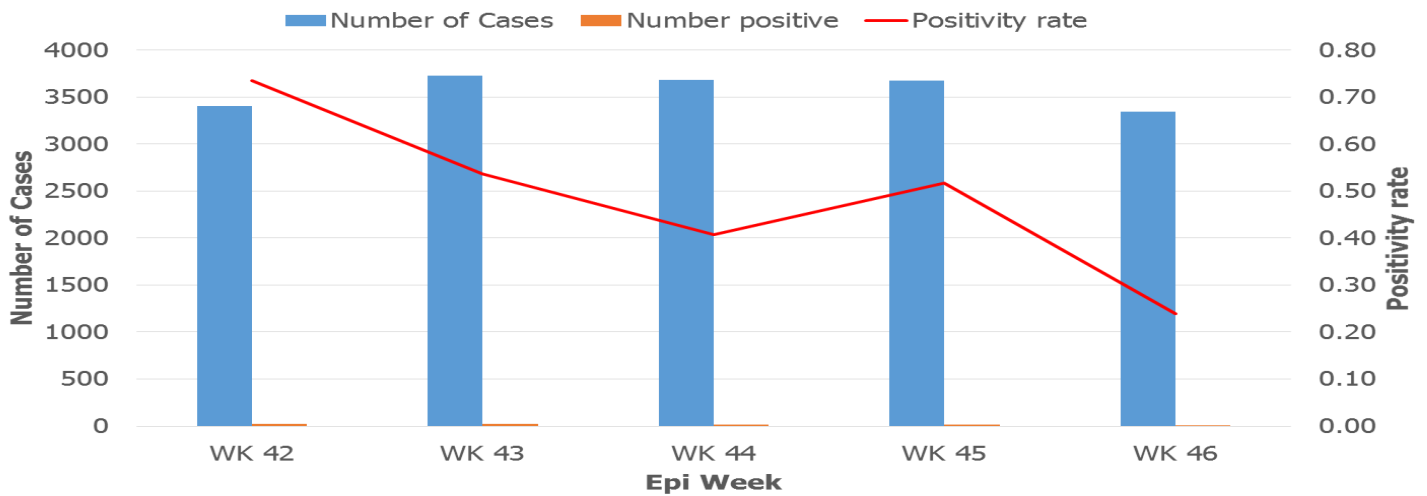
For the period of week 46, a total of 5 confirmed COVID-19 cases were reported countrywide a decrease from 14 from the previous week. Western Area Urban continues to top the chart with 1,150 (48.7%) of the total cases, followed by Western Area Rural 314 (13.1%), and Port Loko 126 (5.3%).

COVID-19 Laboratory confirmed cases by Week of diagnosis, Week 42 - 46, 2020 Sierra Leone

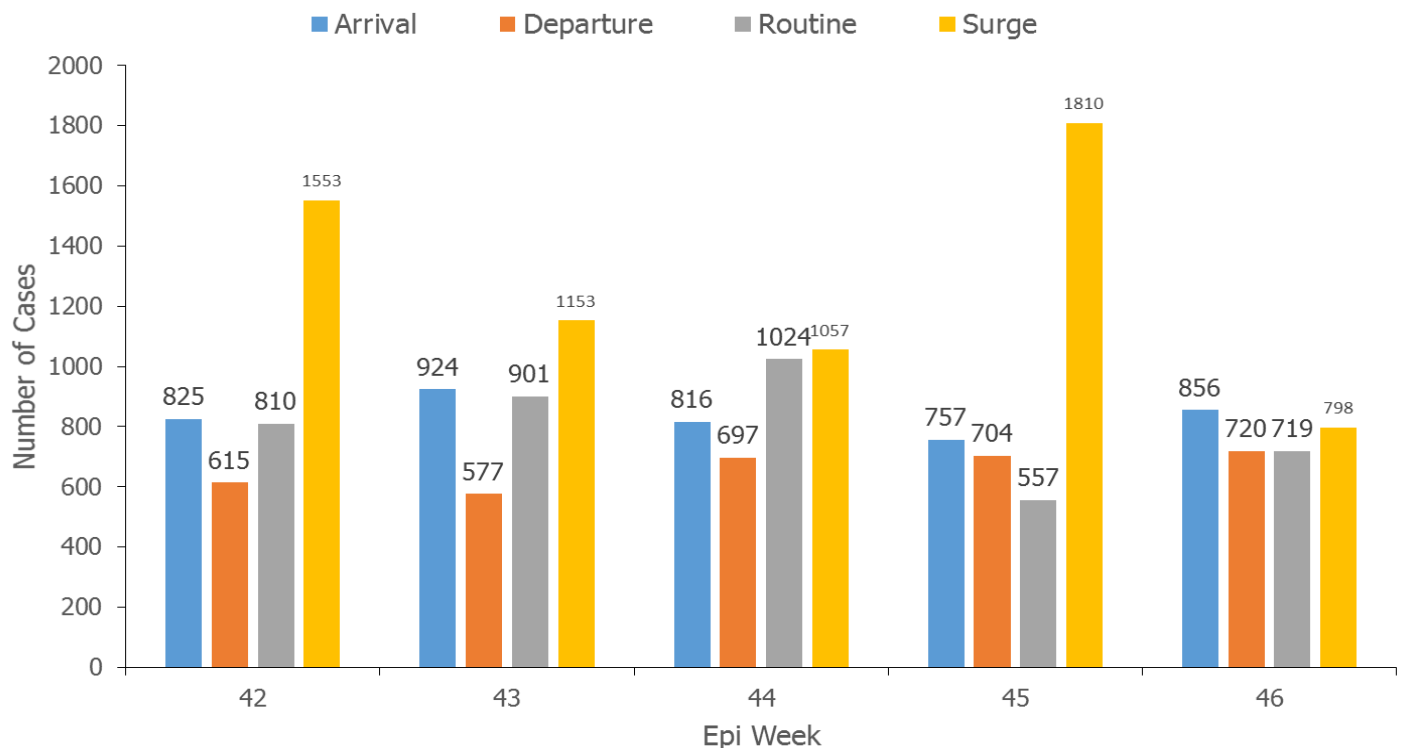


Over the period of week 42 to 46 there has been a gradual decline in the number of laboratory confirmed cases as seen in the graph with week 42 having the highest with a declining through weeks 43, and 44 but with an increase in week 45. week 46 have also seen a declined in trend

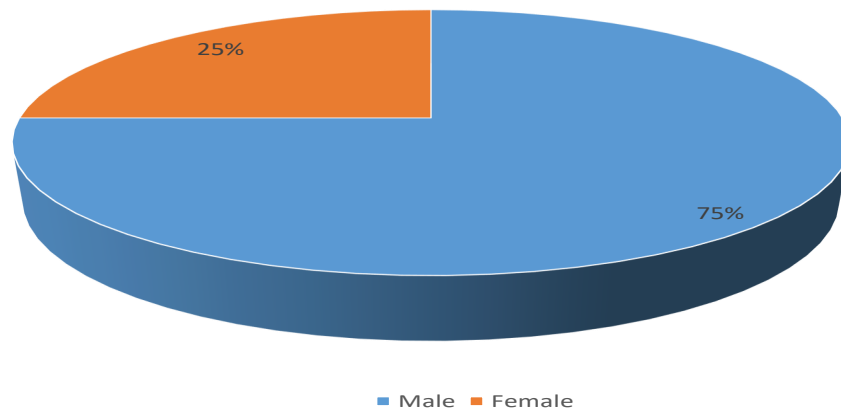
Positivity rate of COVID-19 Week 42 - 46, 2020



COVID-19 confirmed cases by category, Compared Week 42 - 46 2020, Sierra Leone



COVID-19 Laboratory confirmed cases by sex Week 46, 2020, Sierra Leone

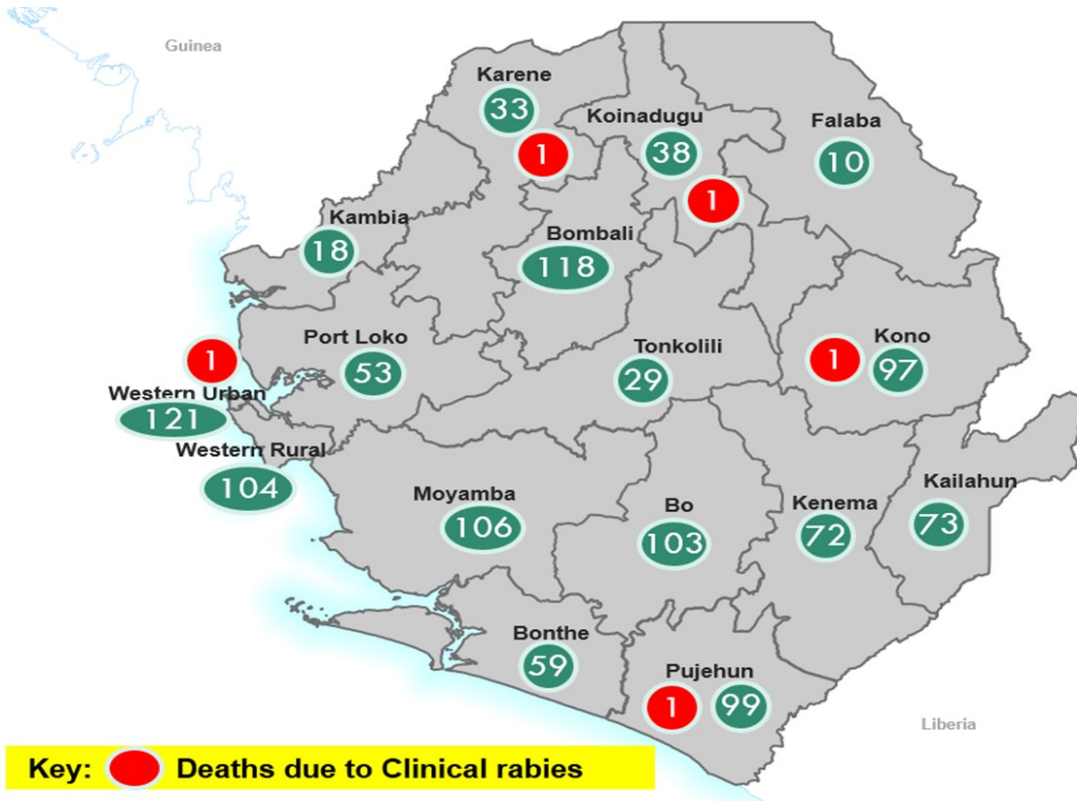


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QUARANTINE SUMMARY

	No. in quaran- tine	Discharge
Cumulative Total	12160	12106
Nationwide (Current)	54	55
Govt quarantine	0	0
Org. quarantine	0	0
Self quarantine	54	55

Cumulative Animal Bite (dogs, Cats & Snakes) Cases reported by districts (Week 1 - 46, 2020)



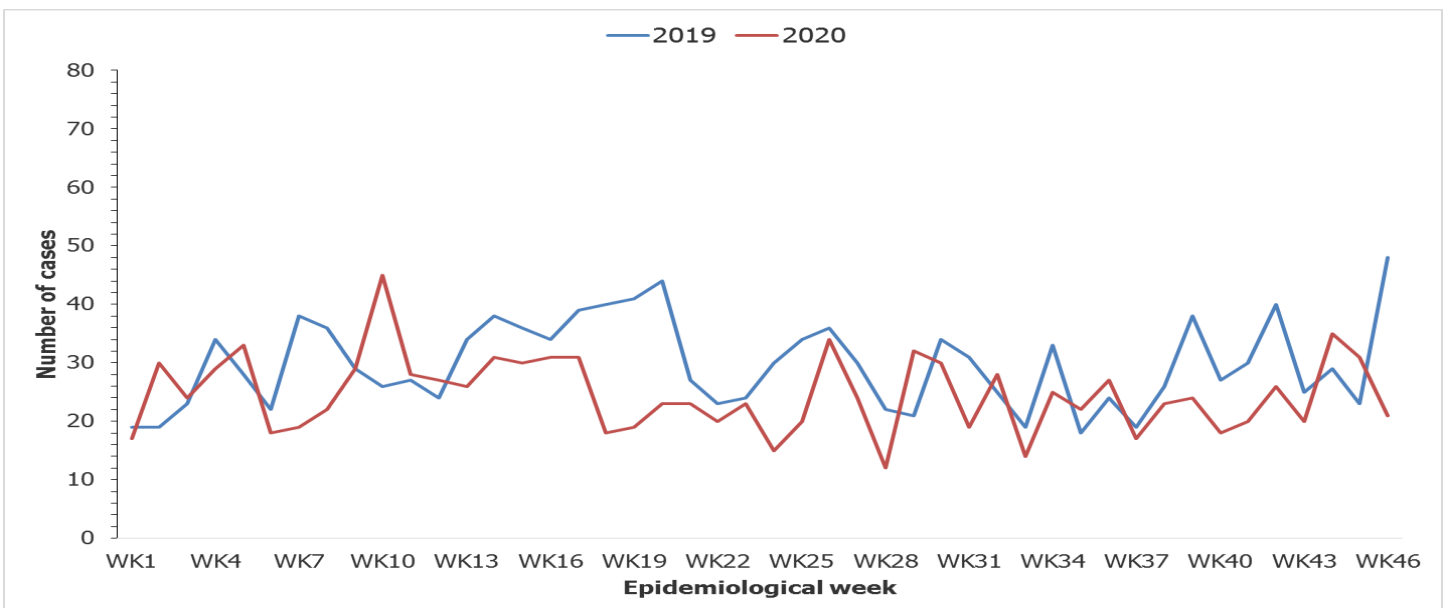
NATIONAL CUMULATIVE ANIMAL BITES - DOG

1,133

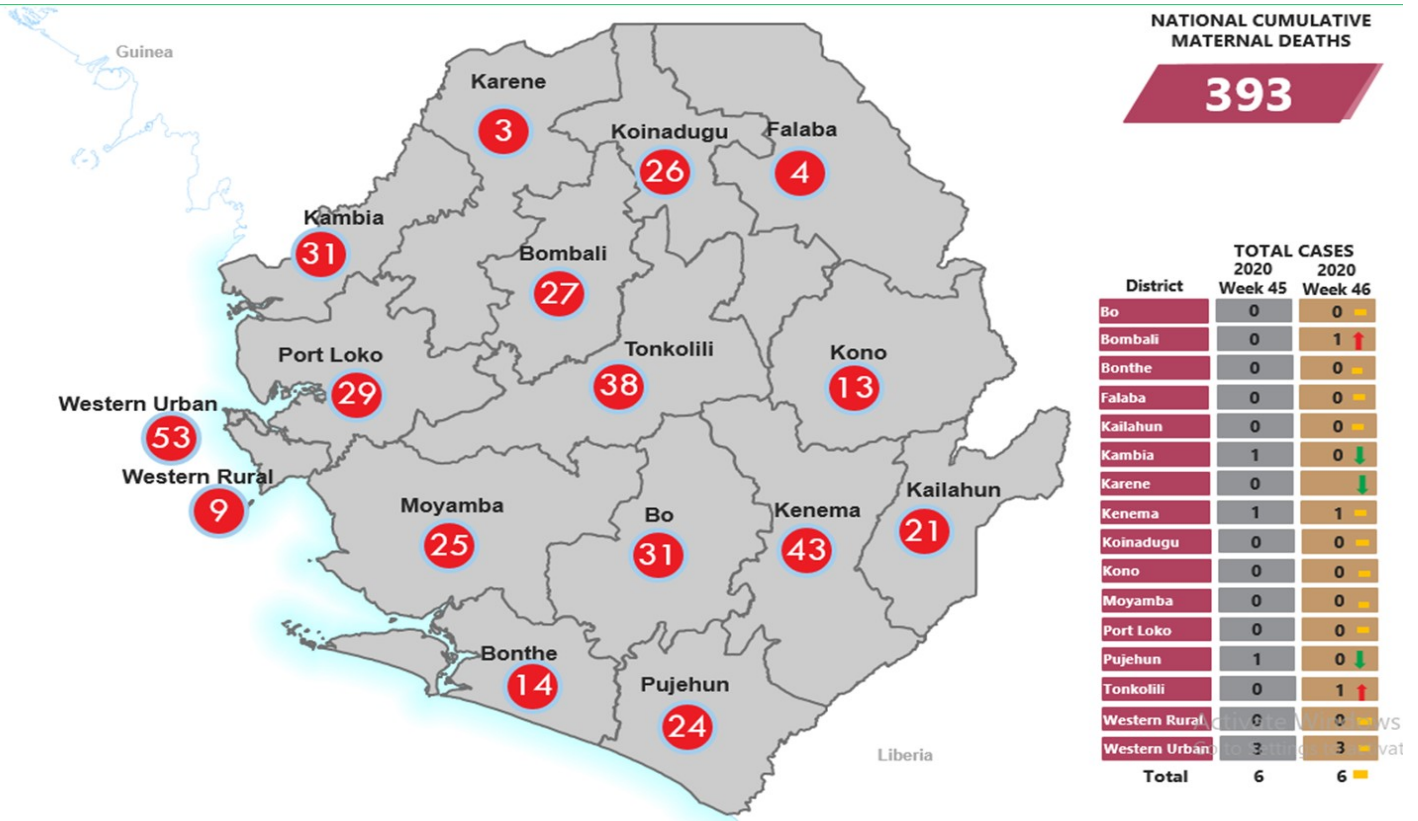
District	TOTAL CASES	
	2020 Week 45	2020 Week 46
Bo	8	0
Bombali	1	2
Bonthe	3	0
Falaba	0	0
Kailahun	1	2
Kambia	0	1
Karene	0	0
Kenema	4	0
Koinadugu	1	3
Kono	4	5
Moyamba	3	1
Port Loko	0	0
Pujehun	3	4
Tonkolili	0	0
Western Rural	2	2
Western Urban	1	1
Total	31	21

A total of 21 Animal bite cases were reported in week 46 making a cumulative total of 1,133 from week 1 to 46. 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. Western Area Urban accounting for the highest 121 (10.7%), closely followed by bombali 118 (10.4%) of the total cases

Compared Animal Bite (dogs & Cats) Cases reported by districts Week 1 - 46 (2019 & 2020)

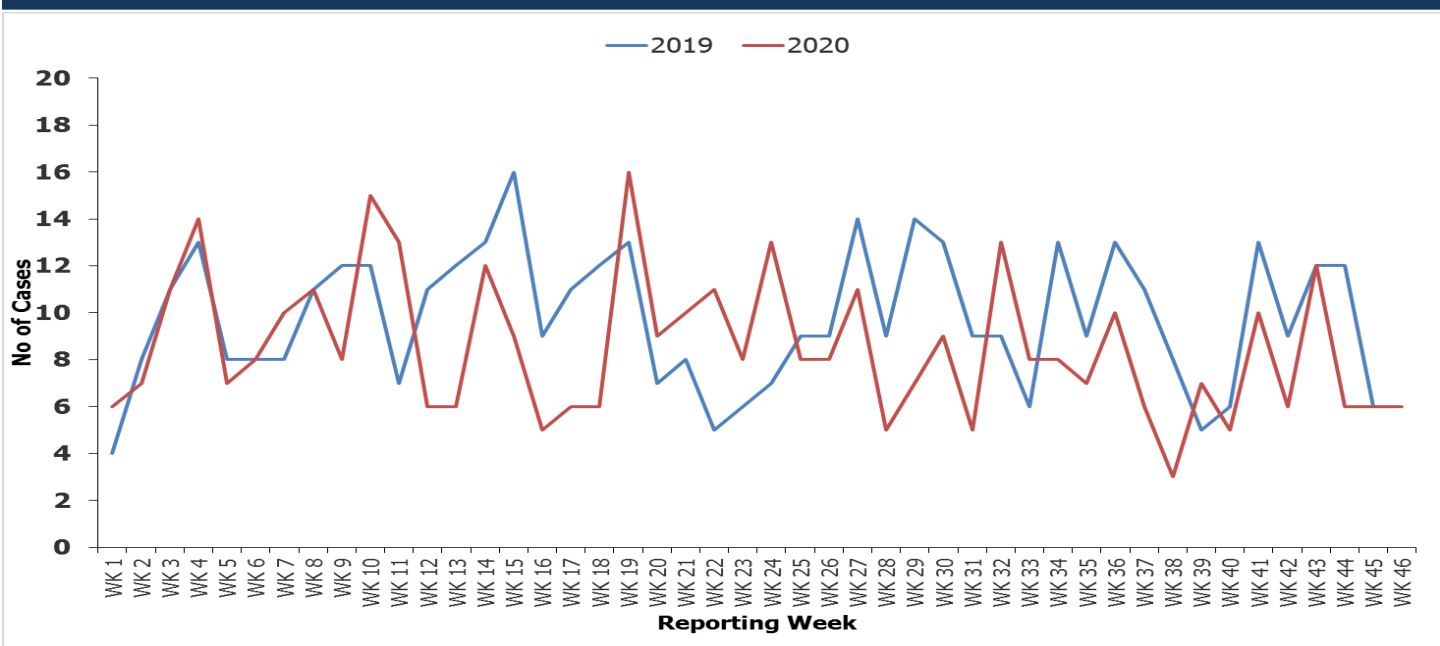


Cumulative Maternal Deaths Reported by Districts (Week 1 - 46, 2020)



A total of 6 maternal deaths were reported this week, same as in the previous week. The cumulative maternal deaths from the start of the year is 393 with Western Area Urban (53) reporting the highest followed by Kenema (43), Tonkolili (38), Bo and Kambia (31) each per districts.

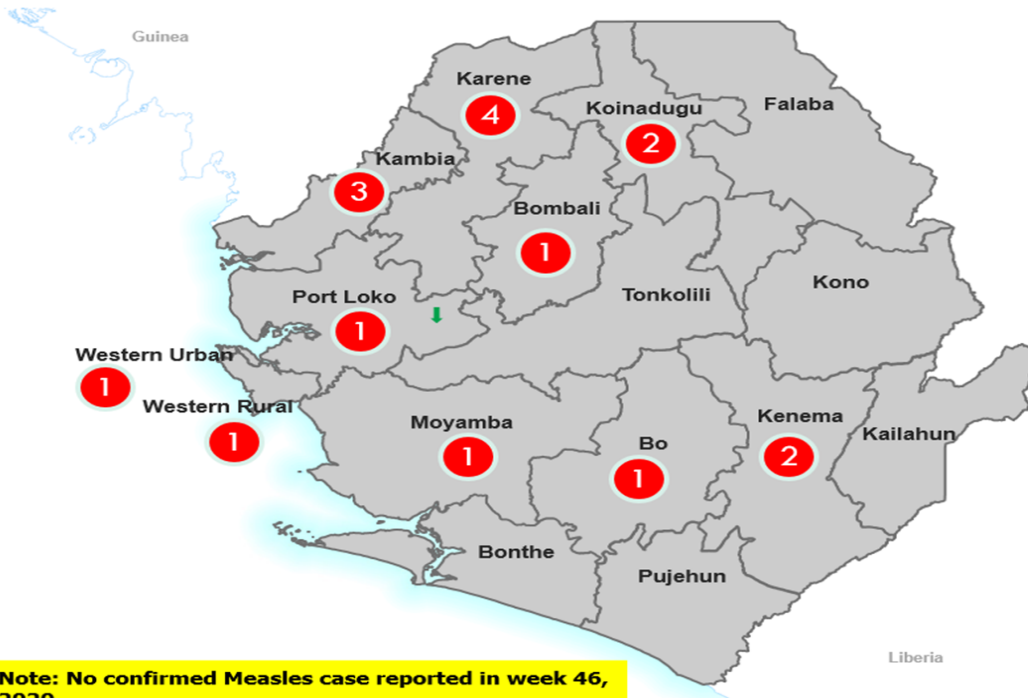
Compared Maternal Deaths Reported by districts Week 1 - 46, (2019 & 2020)



Confirmed Measles Cases reported by districts in Sierra Leone, Week 1 - 46, 2020

NATIONAL CUMULATIVE Confirmed Measles Cases

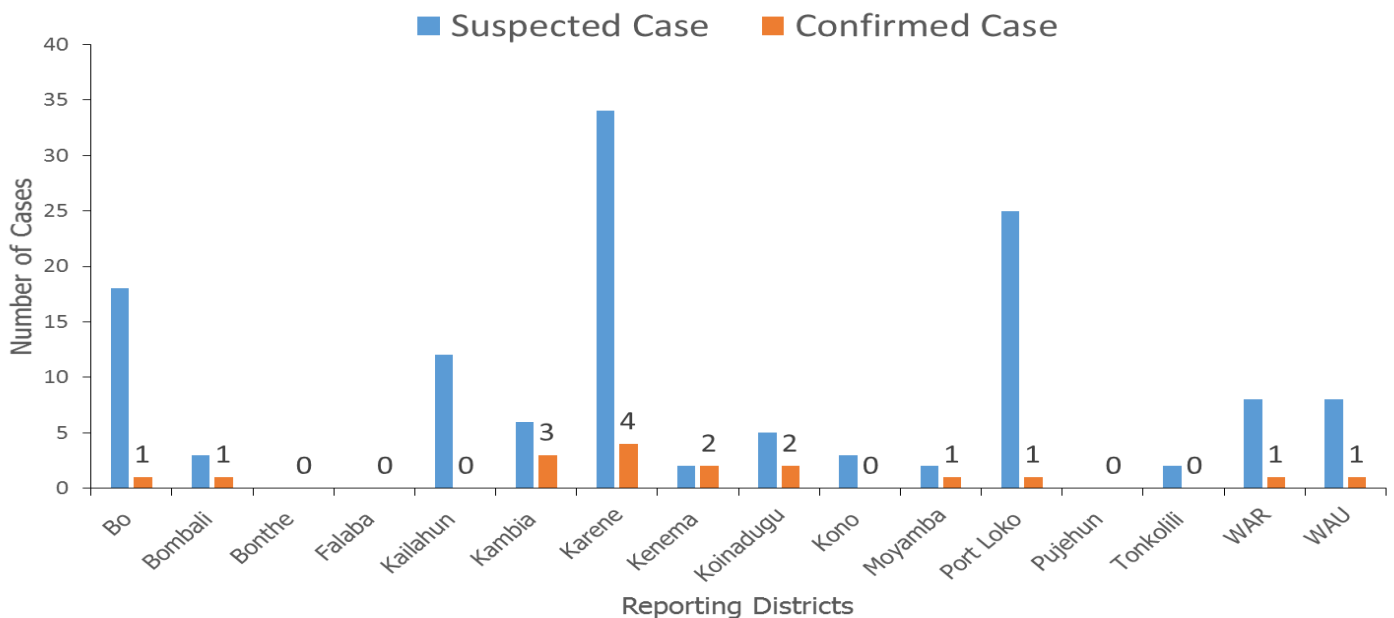
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Since week 1 to week 46 of this year, a total of 17 confirmed measles cases have been reported from 10 districts. Karene accounting for the highest number of cases 4 (23.5%) followed by Kambia 3 (17.6%). No confirmed case was reported for week 46

Cumulative Suspected and Confirmed Measles Cases reported by districts in Sierra Leone, Week 1 - 46, 2020



AFP Surveillance Core Indicators by districts, (Week 1 - 46, 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	4	1.4	100	75
Bombali	230310	5	3	1.3	100	100
Falaba	112711	3	2	1.8	100	100
Bonthe	95308	2	2	2.0	100	50
Kailahun	260466	5	5	2.0	100	100
Kambia	166960	3	4	2.4	100	66.7
Karene	139264	3	3	2.1	100	66.7
Kenema	291085	6	4	1.3	100	100
Koinadugu	123415	3	3	2.4	100	100
Kono	241538	5	14	5.8	100	100
Moyamba	154407	3	3	2.0	100	100
Port Loko	275433	6	1	0.3	100	100
Pujehun	167915	3	4	2.3	100	100
Tonkolili	256826	5	3	1.1	100	100
W/A Rural	213949	4	9	4.2	100	100
W/A Urban	509270	10	11	2.1	100	63.6
National	3,517,769	72	73	2.1	100	87.5