



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

WEEK 51

WEEKLY NATIONAL EPIDEMIOLOGICAL BULLETIN

Disease specific report

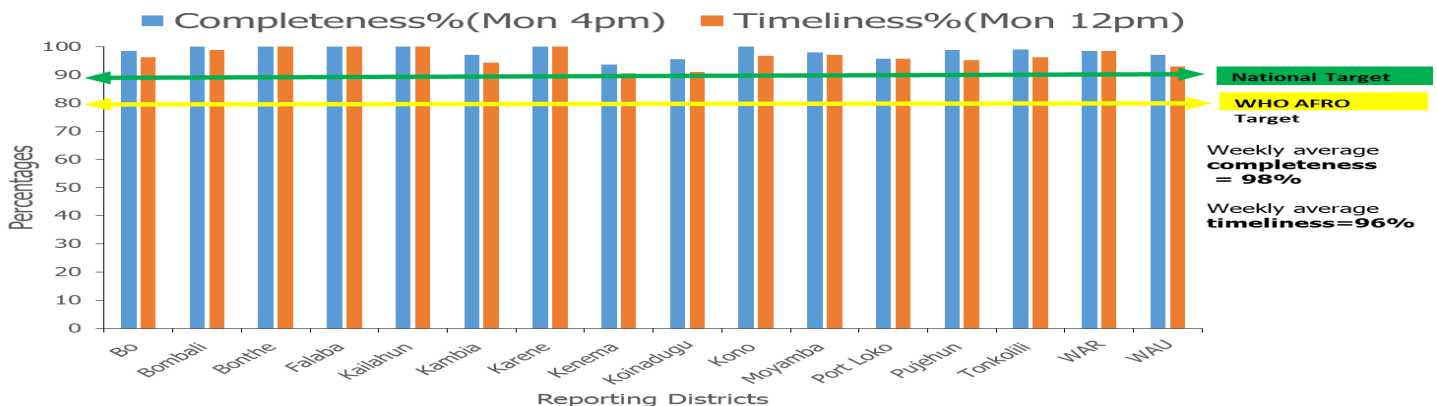
Week 51, 14th to 20th Dec. 2020

KEY HIGHLIGHTS FOR COVID-19 FOR THE WEEK

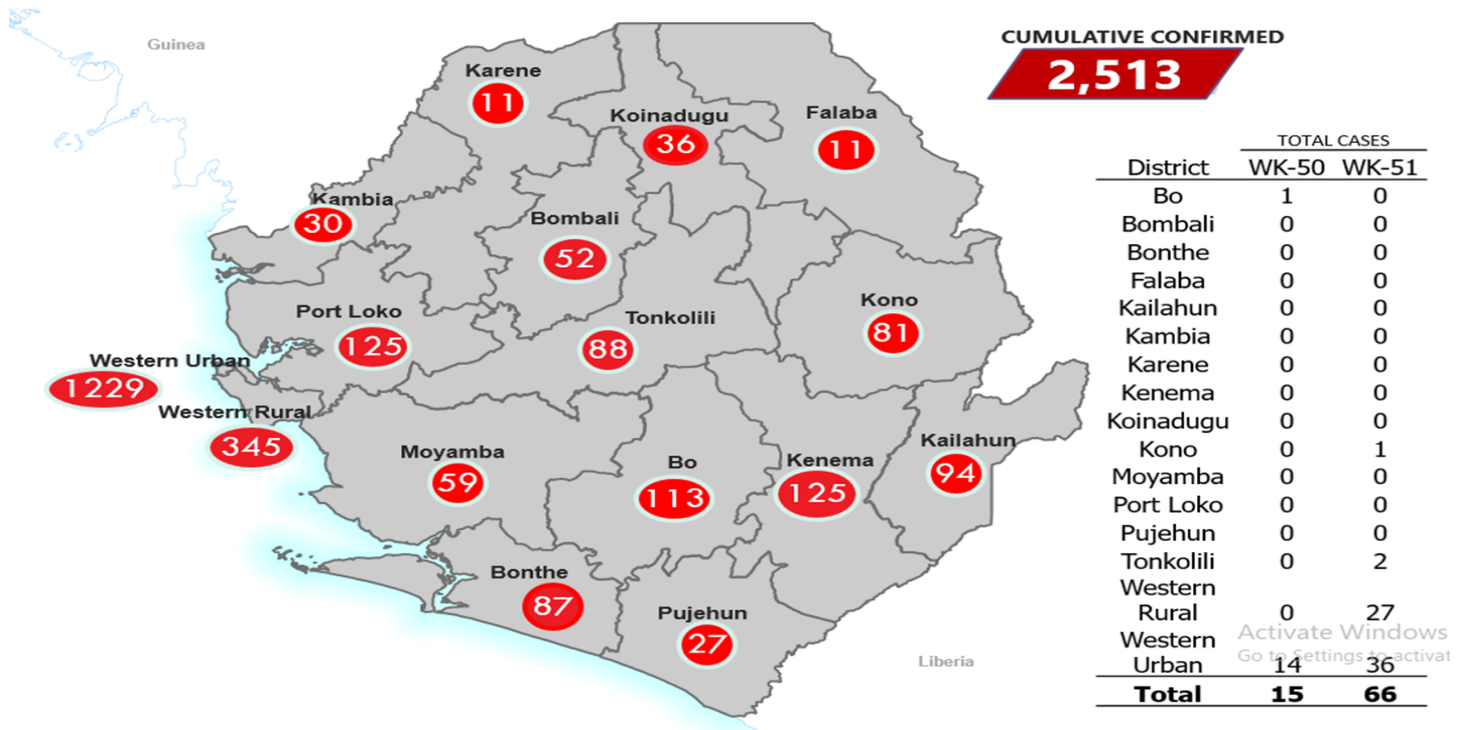
- **Acute Flaccid Paralysis:** Two (2) cases of acute flaccid paralysis were reported this week. The cases were under five (2) children reported from Western Area Urban (2) district. The district RRTs investigated the cases, samples were collected and sent to the CPHRL.
- **Acute Viral Haemorrhagic Fever (AVHF):** Two (2) cases of suspected AVHF were reported this week. The cases were both under five years reported from Kenema. The district RRT investigated the cases and collected samples. One (1) of the cases was tested positive for Lassa Fever.
- **Animal bite:** In total, 31 animal bite cases were reported from ten districts. Of the total cases, 12 were under fives and 19 above fives. The highest number of cases were reported from Kailahun (10) Bombali (5), Kenema and Western Area Rural (4) districts.
- **Bacterial Meningitis:** One (1) case of Bacterial Meningitis was reported this week. The case, above five years reported from Western Area Urban
- **Maternal death:** Six (6) maternal deaths were reported countrywide from 5 districts, an increase from 3 that was reported the previous week. Karene (2), whiles Moyamba, Kailahun, Bombali and Tonkolili reported (1) each per district.
- **Neonatal Tetanus:** One (1) case of Neonatal tetanus was reported this week from Western Area Urban. The district RRT is yet to send a detailed case investigation form for both cases to national
- **Yellow Fever:** One (1) suspected yellow fever case was reported this week from Kailahun district, the case, above five years was investigated by the district RRT. Sample was collected and sent to CPHRL for confirmation

- **Confirmed cases:** Sixty-six confirmed cases of COVID-19 were reported this week, of which, thirty-one were males and thirty-three were females
- **COVID-19 Death:** Zero death of COVID-19 was reported this week.
- **COVID-19 Recovery:** A total of two (2) recoveries were reported for the week. Both were from Western Area Urban.
- **COVID-19 Quarantine:** Cumulative quarantine nationwide for the week was (167) all of which were self quarantine
- **Quarantine discharge:** Thirty-four contacts were discharged from quarantine this week. All were from self quarantine.

Health Facility Completeness and Timeliness of Weekly report by district Week 51, 2020

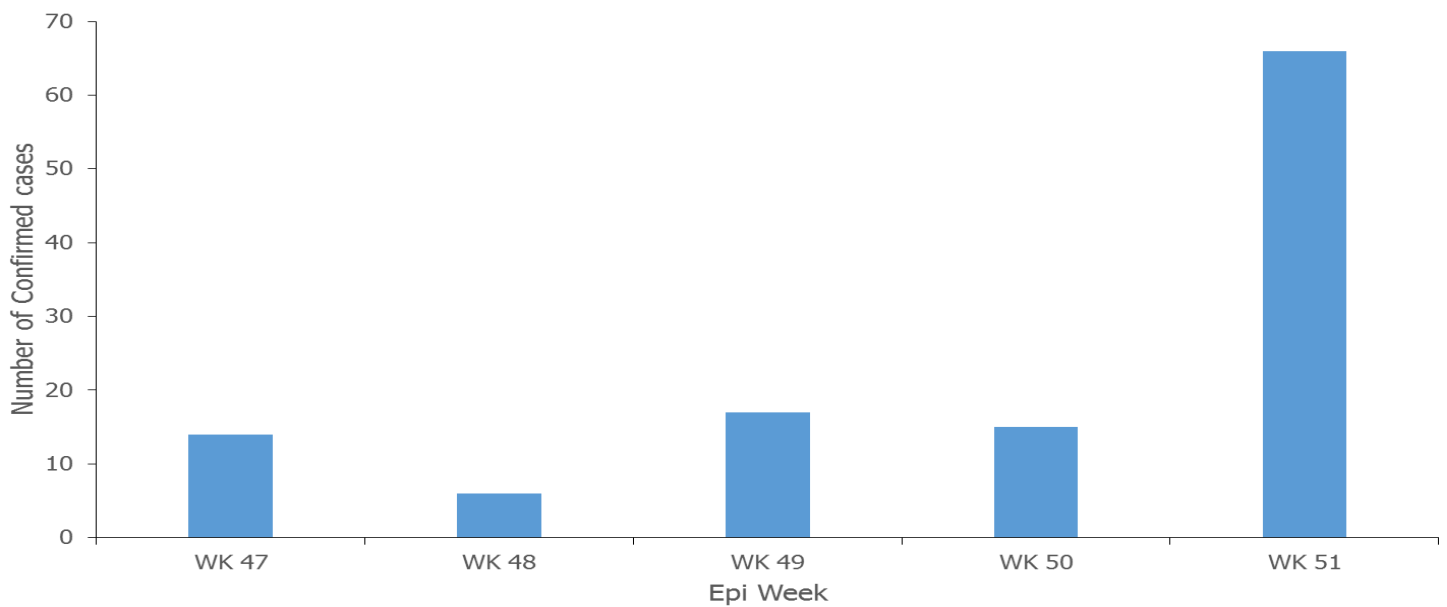


COVID-19 cumulative confirmed cases by district Week 51, 2020



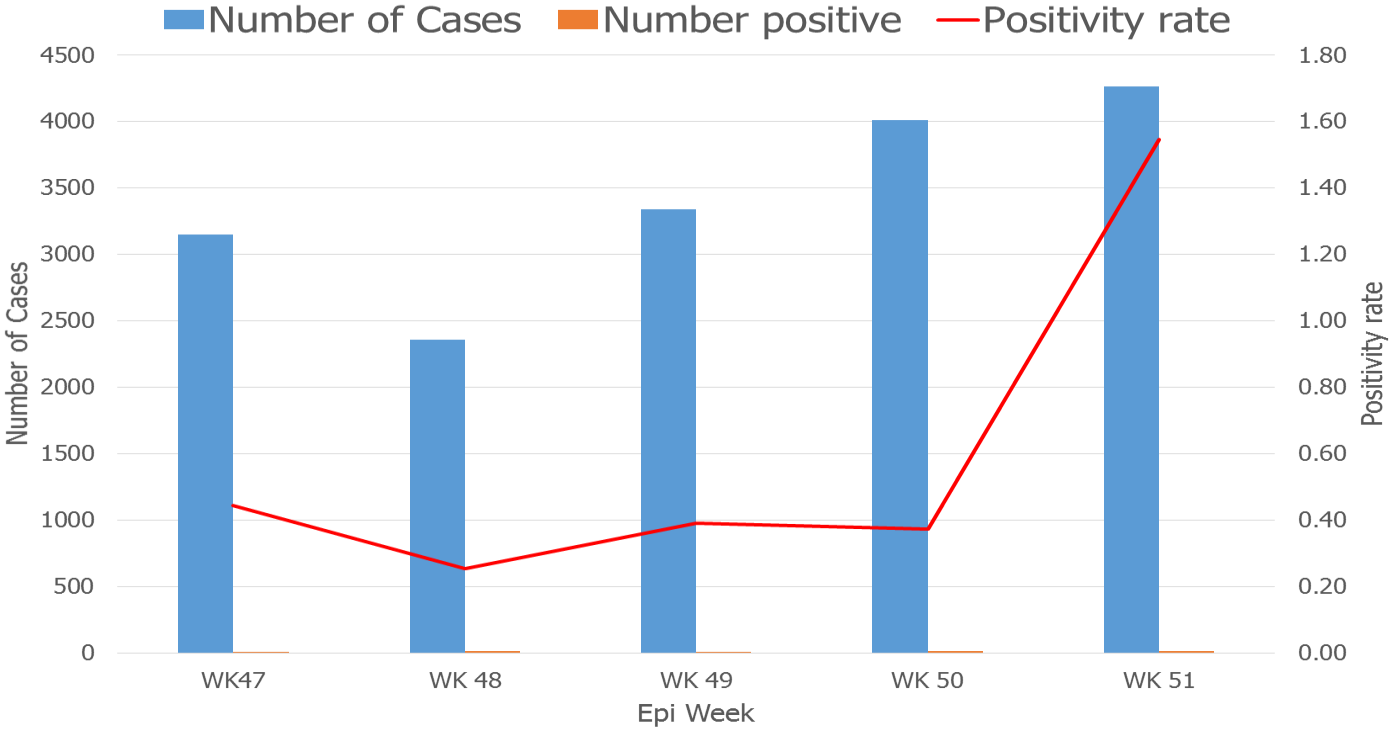
For the period of week 51, a total of 66 confirmed COVID-19 cases were reported countrywide, an increase from 15 the previous week. Western Area Urban continues to top the chart with 1,229 (48.9%) of the total cases, followed by Western Area Rural 345 (13.7%), while Kenema and Port Loko 125 (4.9%). Each.

COVID-19 Laboratory confirmed cases by Week of diagnosis, Week 47 - 51, 2020 Sierra Leone

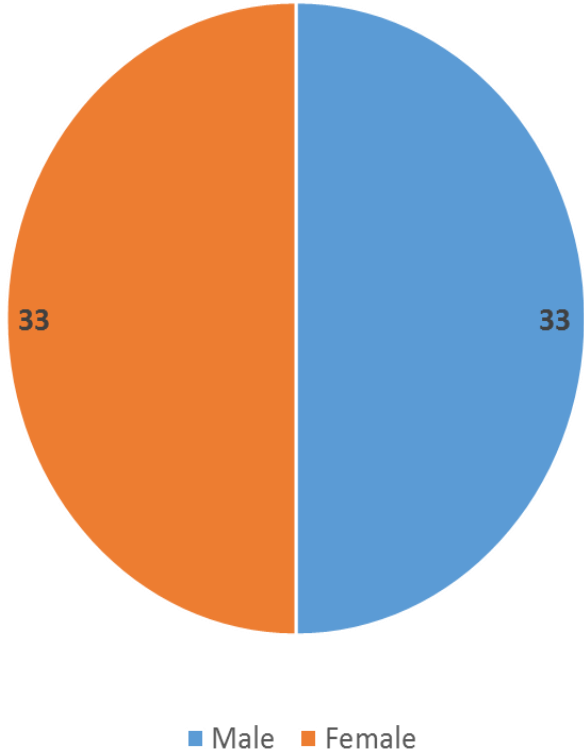


Over the period of week 47 to 51 there has been an up and down trend in the number of laboratory confirmed cases as seen in the graph with week 51 having the highest

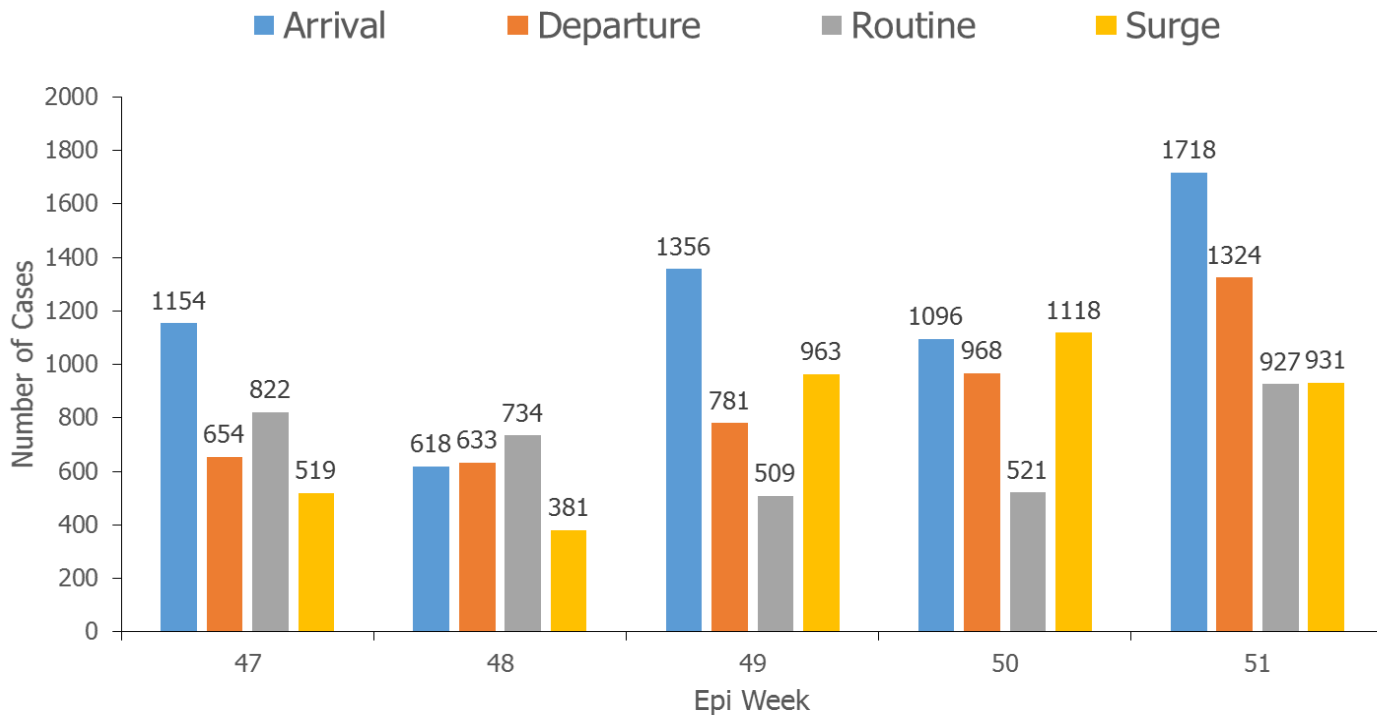
Positivity rate of COVID-19 Week 47 - 51, 2020



COVID-19 Laboratory confirmed cases by sex Week 51, Sierra Leone



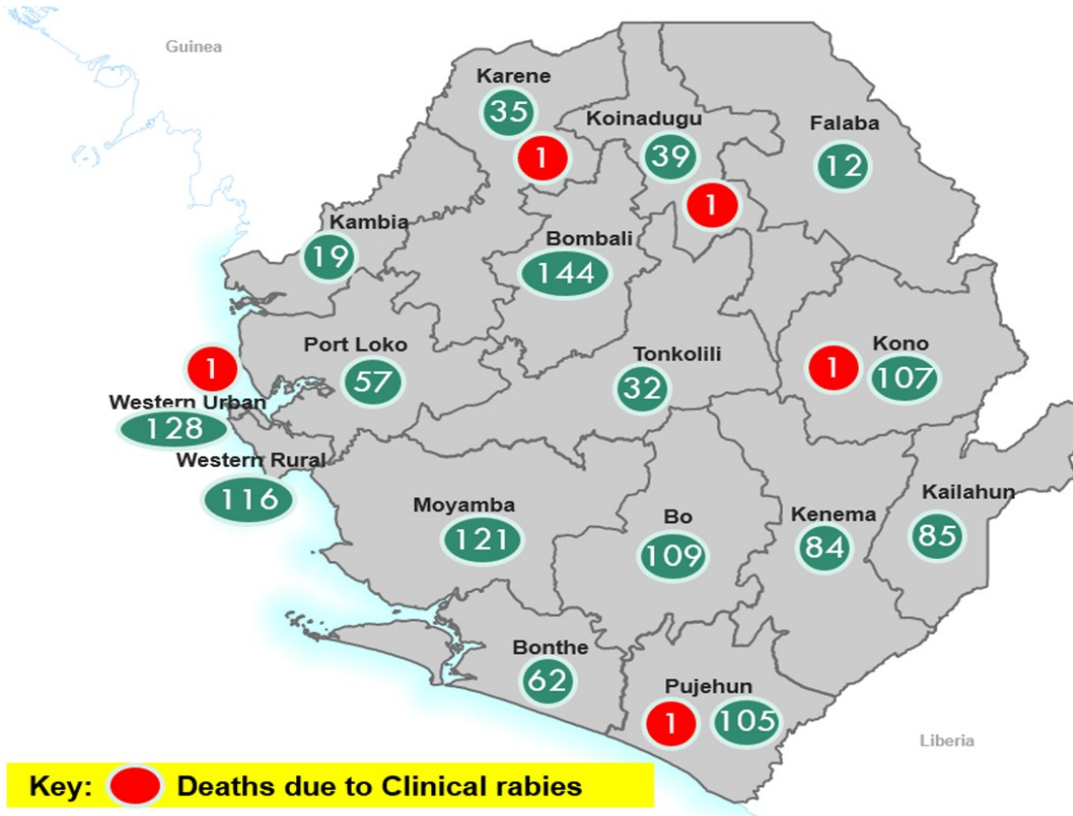
Suspected COVID-19 cases by category, Compared Week 47 – 51 2020, Sierra Leone



QUARANTINE SUMMARY

	No. quarantined	Discharged
Cumulative Total	12502	12335
Nationwide (Current)	167	34
Govt quarantine	0	0
Org. quarantine	0	0
Self quarantine	167	34

Cumulative Animal Bite (dogs, Cats & Snakes) Cases reported by districts (Week 1 - 51, 2020)



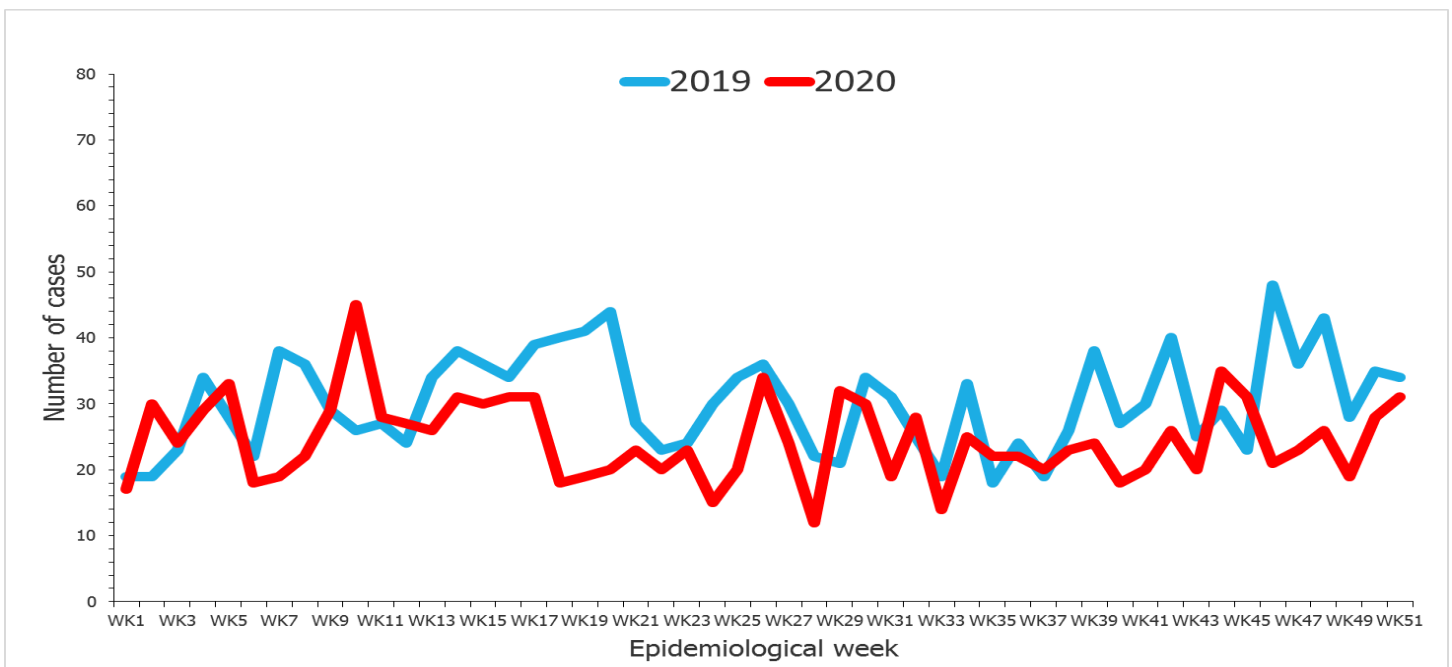
NATIONAL CUMULATIVE ANIMAL BITES - DOG

1,255

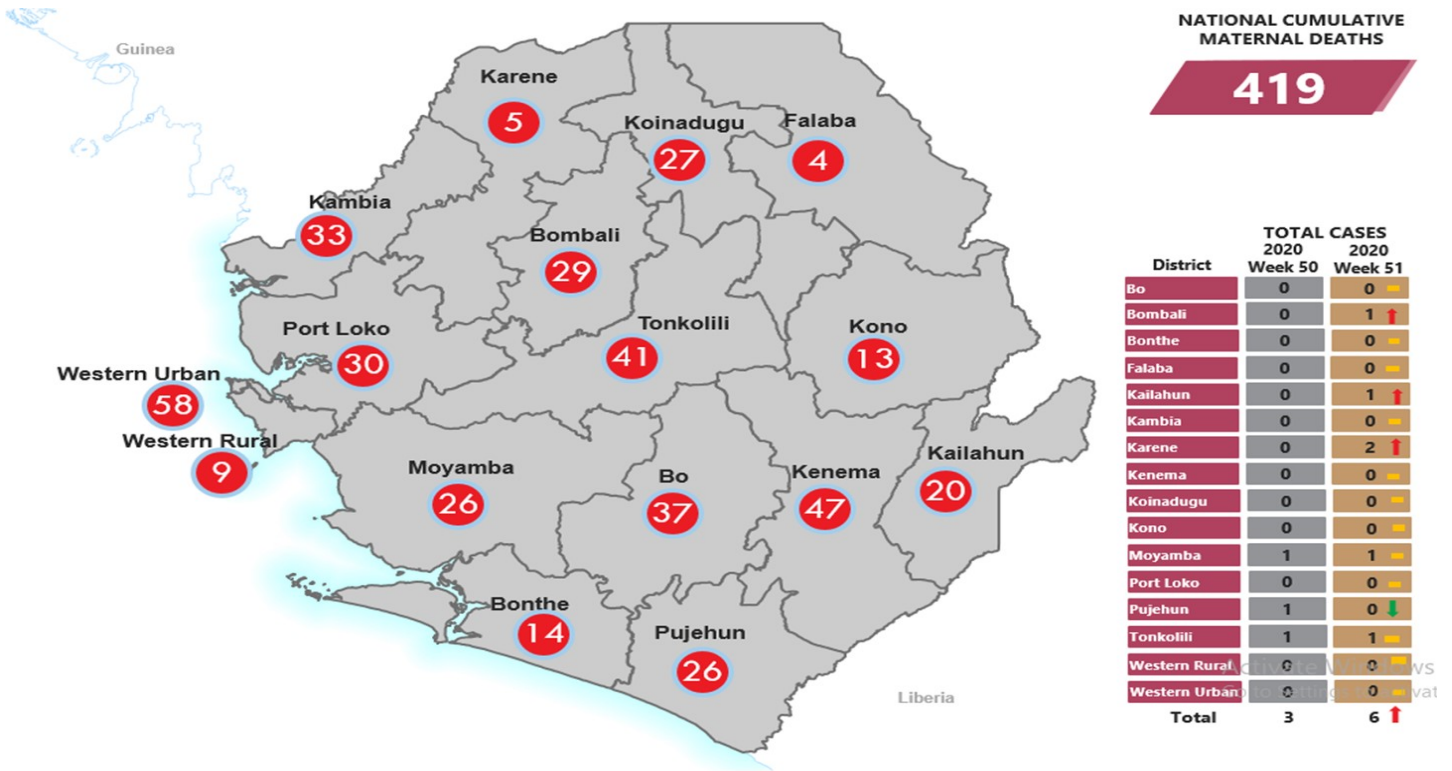
District	TOTAL CASES	
	2020 Week 50	2020 Week 51
Bo	1	1
Bombali	9	5
Bonthe	0	1
Falaba	0	0
Kailahun	0	10
Kambia	1	0
Karene	2	0
Kenema	1	4
Koinadugu	0	0
Kono	2	1
Moyamba	3	2
Port Loko	0	0
Pujehun	1	2
Tonkolili	1	1
Western Rural	4	4
Western Urban	3	0
Total	28	31

A total of 31 Animal bite cases were reported in week 51 making a cumulative total of 1,255 from week 1 to 51. 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 144 (11.5%), closely followed by Western Area Urban 128 (10.2%) of the total cases

Compared Animal Bite (dogs & Cats) Cases reported by districts Week 1 - 51 (2019 & 2020)

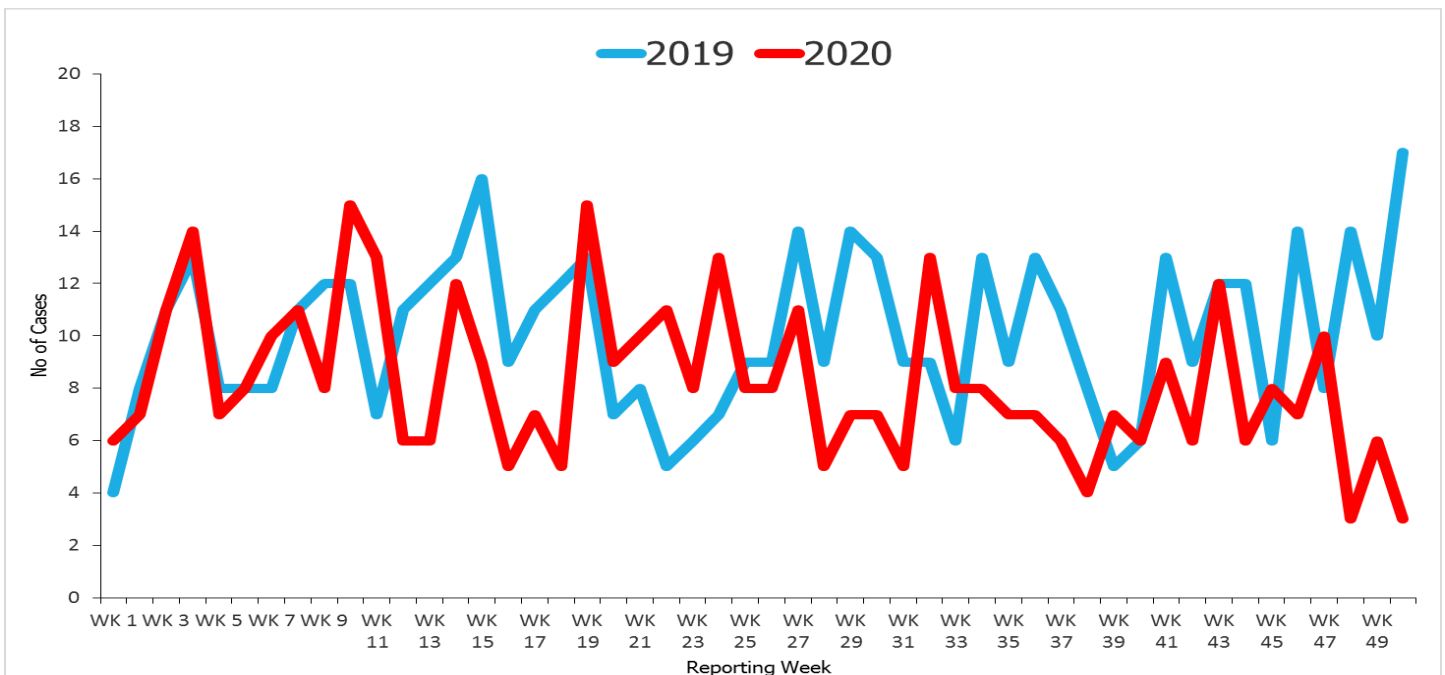


Cumulative Maternal Deaths Reported by Districts (Week 1 - 51, 2020)

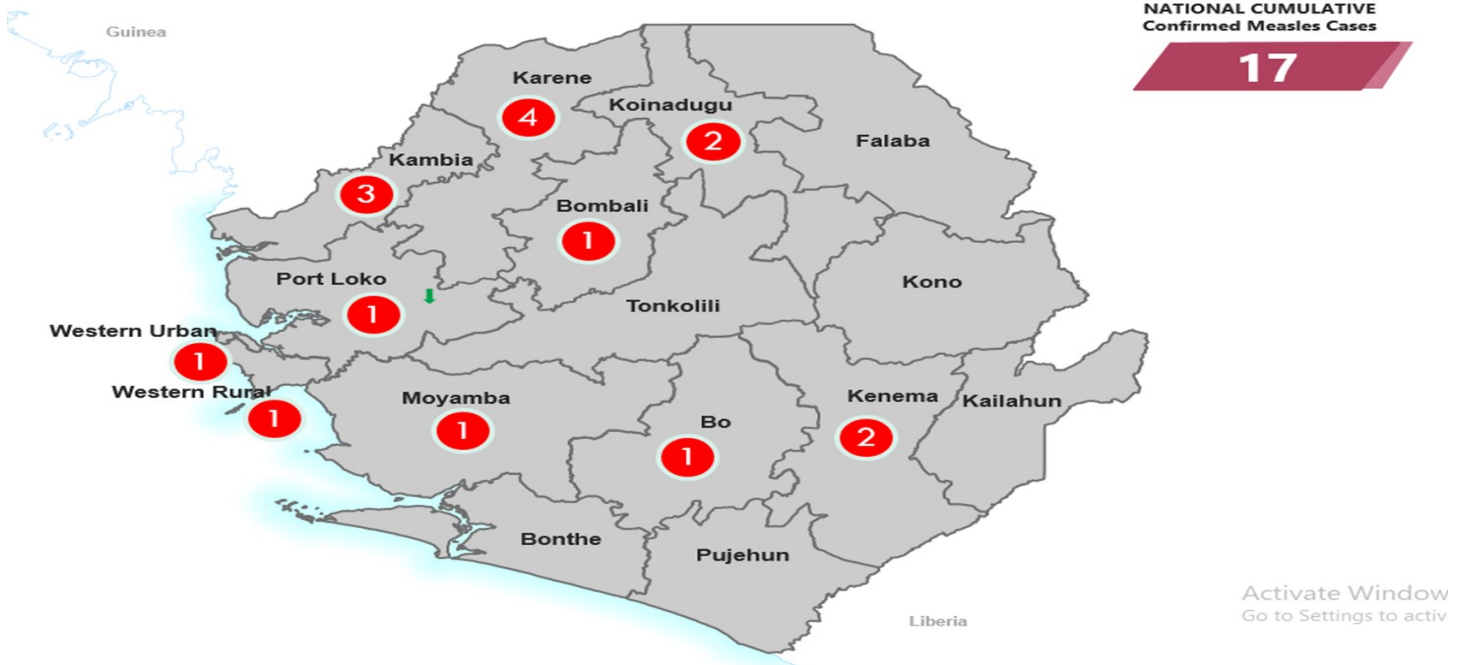


A total of 6 maternal deaths were reported this week, an increase from 3 in the previous week. The cumulative maternal deaths from the start of the year is 419 with Western Area Urban (58) reporting the highest followed by Kenema (47), Tonkolili (41), and Bo (37) districts.

Compared Maternal Deaths Reported by districts Week 1 - 51, (2019 & 2020)



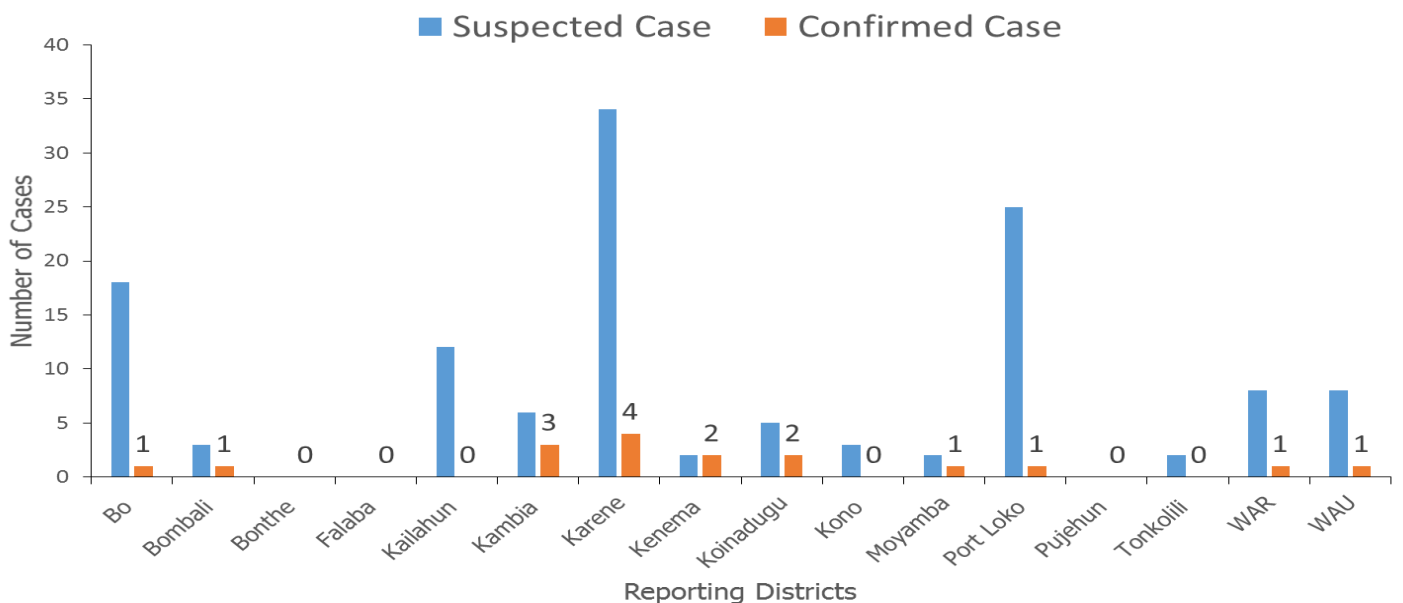
Confirmed Measles Cases reported by districts in Sierra Leone, Week 1 - 51, 2020



*** Note: The confirmed cases in Kambia & Karene does not constitute an outbreak because they were not reported within 1 month**

From week 1 to week 51 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 51

Cumulative Suspected and Confirmed Measles Cases reported by districts in Sierra Leone, Week 1 - 51, 2020



AFP Surveillance Core Indicators by districts, (Week 1 - 51, 2020)

Districts	< 15yrs Target Population	Expected Cases	Reported Cases	Confirmed Polio	Annualized 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	1(PV2)	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		2.0	100	100
Port Loko	275433	6	2		0.7	100	100
Pujehun	167915	3	4		2.4	100	100
Tonkolili	256826	5	4	1(PV2)	1.6	100	100
W/A Rural	213949	4	9	1(PV2)	4.2	100	100
W/A Urban	509270	10	11		2.2	100	63.6
National	3,517,769	72	81	3(PV3)	2.3	100	87.5